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Otto Schwill & Co.

No. 10 and 12 South Front St. Memphis, Tennesee

Annual Spring Catalogue 1913

Will W. Tracy Sc.
U.S. Department of Agriculture
Washington, D.C.
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Farm Garden and Flower Seeds
Plants and Fruit Trees

1913 Schwill's Annual Descriptive Catalogue Bluff City Brand 1913

High Class Seeds, Trees and Plants

BUY THE BEST. It is always the cheapest in the end. Nothing is more important than having good seeds. You can rely on all Seeds or Plants bought of us. A successfully managed seed business of 44 years, and we are still growing, has proven our seeds are right. It has been our constant aim to improve and handle only the highest grade stock. We know a pleased customer is our best advertisement. Our prices are also right. Look through the catalogue carefully, and we know if you buy seeds, that it is not necessary to send away to Eastern or Northern houses for them, when you compare notes, and we ask a trial order; we assure you satisfaction. Thanking our many customers for past favors, and trusting to have a continuance of same, we remain, yours faithfully,

OTTO SCHWILL & CO., Seedsmen, Memphis, Tenn., Established 1869.
44 Years in the Seed Business.

Sales Department and Retail Store, 10 and 12 South Front St. Warehouse and Elevator, corner Kentucky and Georgia Avenues. Trial Grounds and Farms, Hindman's Ferry Road.

How to Order and Terms of Business

WE PAY POSTAGE on all seeds quoted by the packet, ounce, quarter pound and pound, and upon all goods quoted in our catalogue where it says: Prepaid by Mail or Express.

NOTICE CAREFULLY THE PRICES. Be sure to know whether we or you are to pay the freight or express, and bear in mind that we do not pay the express or freight charges on pecks or bushels, nor on any tools, bulbs, grass seeds, field seeds or fertilizers, except where we so state on the pages where the goods are priced.

THE PRICES WE QUOTE on vegetable seeds and seeds will hold good as long as stocks last. The prices on grass seed, grains and all farm seeds are those ruling January 1, 1913, and are subject to change. As far as possible we will fill in full all orders for seeds that are quoted subject to variation in price, but if market values will not permit this, we will send all that money remitted will pay for.

CASH WITH ORDER. Please send money with the order sufficient to cover the whole bill, and remit by express money order or registered letter. Checks covering payment of goods must include 10 cents for collecting them. You will avoid delay by remitting by express or postoffice money order. We decline sending goods "Collect on Delivery" unless remittances be made on account to guarantee acceptance. **Our terms are cash; we do not open any accounts.**

If You Are a Market Gardener

Raising garden truck for SALE and your annual purchases of bulk seed amount to considerable, you are entitled to, and we will upon request quote you, Special Market Gardeners' prices. Our seed-stocks are especially adapted for the market gardener's use, their extremely high quality making his profits certain.

ALL CLAIMS must be made on receipt of goods. Our responsibility ceases after goods are delivered to transportation company, and we can assume no liability after delivery to railroad company.

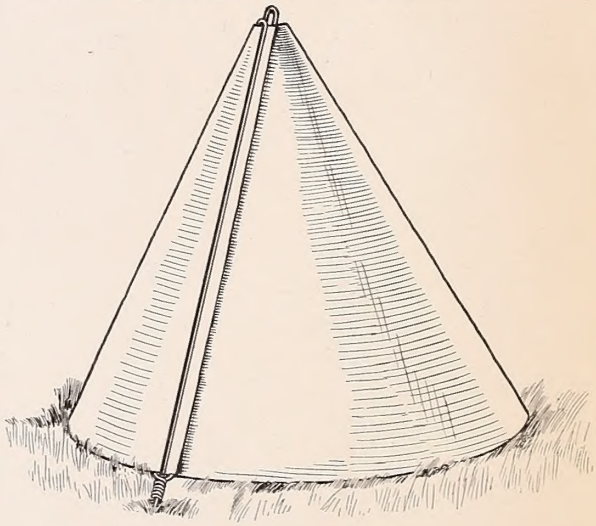
NON-WARRANTY. Most of the failures with seeds, plants and bulbs are due to causes entirely beyond our control, such as unfavorable weather or soil conditions, too deep or shallow planting, etc., which renders it impossible for us to guarantee success, and although we take all possible care to supply only such goods as will, under proper conditions, produce satisfactory results, we will give no warranty as to description, quality or productiveness of any of the seeds, plants or bulbs we send out, and will not be in any way responsible for the crop, and every order for articles named in this catalogue will be executed on these conditions only. If they are not accepted on these conditions they must be returned at once. It must, however, be plain to every one who gives the matter the slightest thought, that it is to our best interests to send out only such stock as will not only grow, but prove true to name and description.

Vegetable Plants

Our own raising. See page 65 for varieties. Sent by express only, purchaser paying carrying charges. We cannot send any vegetables by mail.

	Doz.	100	1,000
Cabbage Plants	.....	$ .35	$2.50
Cauliflower	.25	.75	5.00
Celery Plants	.....	.50	3.00
Lettuce Plants	.....	.50	3.00
Tomato Plants, Seedlings	$ .15	.50	4.00
Tomato Plants, Transplanted	.25	1.00	8.00
Egg Plants	.25	1.50	10.00
Pepper	.25	1.00	5.00
Sweet Potato, Yellow Yam	.....	.25	2.50
Sweet Potato, Bunch Yam	.....	.30	2.50
Sweet Potato, Nancy Hall	.....	.25	2.50

We will have above plants ready in season.



Ideal Plant Protector

The **"IDEAL PROTECTOR"** is made of a heavy cardboard, thoroughly water and rain-proof. The rain does not hurt them. The hail does not hurt them. They are simple, durable and easy to handle. The gardener who uses **IDEAL PLANT PROTECTORS** can safely sow seed two weeks earlier than usual, as they protect all tender plants, such as Tomato, Pepper, Cucumber, Squash, Egg Plants, etc., from frost. Made in two sizes.

Price No. 10, 25c per doz., $2.00 per 100, $15.00 per 1,000.
Price No. 12, 30c per doz., $2.25 per 100, $18.00 per 1,000.
Special Prices on larger quantities.

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Catalogue of Poultry and Bee Supplies, Spray Pumps, Etc., Mailed Free on Request.

ORDER FOR SEEDS

OTTO SCHWILL & CO.
MEMPHIS, TENNESSEE

EVERY ORDER, LARGE OR SMALL, WILL RECEIVE CAREFUL ATTENTION

GENTLEMEN:—Enclosed find $ ____________

for which please send me by ____________ the following:

Date ____________ Forward by (State whether wanted by Mail, Express or Freight) ____________

Name ____________

Street, P. O. Box or Rural Delivery ____________

Post Office ____________

Express or Freight Office (If different from P. O.) ____________

County ____________ State ____________

TERMS: Cash with Order. No Goods sent C. O. D.

Send Money by Registered Letter, Money Order, Stamps, or N. Y. Exchange. Do not send personal Checks, as our Banks charge 10 cents for collecting the latter, and delay is thus caused.

DISCOUNT ON PACKET SEEDS.

For $ .10, select any 3— 5c packets.
For .25, select any 8— 5c packets.
For .50, select any 17— 5c packets.
For 1.00, select any 35— 5c packets.
For .25, select any 3—10c packets.
For .50, select any 7—10c packets.
All Postage Paid.

This offer applies to flat packets only, not to Peas, Beans or Corn.

DISCOUNT ON SEEDS.

In ½, 1 and 2 oz., ¼ pt. and 1 pt. pkgs.

Remit $1.00 and select seeds in above size packages to value $1.25.
Remit $2.00 and select seeds in above size packages to value $2.60.
Remit $3.00 and select seeds in above size packages to value $4.00.
Remit $4.00 and select seeds in above size packages to value $5.50.

We also pay postage in addition to this discount.

Please remember this discount will not apply to any prices quoted on our market gardeners' Bulk Price List, nor will it apply on any seeds quoted in ¼, ½ and 1 lb. or quart packages, nor to any special collections. Kindly bear this in mind when ordering.

Write Your Name and Post Office Plain.

QUANTITY		NAMES OF ARTICLES WANTED	PRICE	
		Carried Forward		

MARKET GARDENERS' PRICE LIST. If you grow for market or buy seeds in bulk, send for our special lists for Truckers.

WE PAY THE POSTAGE

In considering our prices in this Catalogue, please bear in mind that we pay the postage on all vegetable and flower seeds by the packet — ounce, quarter pound, pound, pint and quart.

WE HAVE THE MOST COMPLETE STOCK OF POULTRY AND BEE SUPPLIES IN THE SOUTH. ASK FOR CATALOGUE

QUANTITY		NAMES OF ARTICLES WANTED	PRICE	
		Amount Brought Forward		
		Total		

All orders for Plants, Trees and Bulbs are carefully booked on receipt and filled in rotation, as soon as weather permits. If shipped earlier they are at buyer's risk.

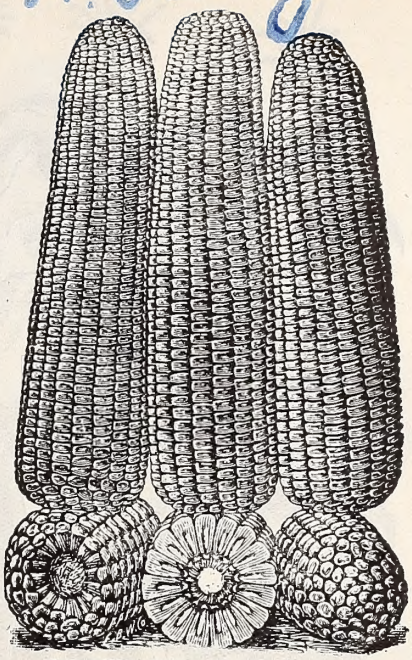
Will H. Tracy Sr.

Pedigreed Seed Corn

There is no crop of such importance to the farmer as the corn crop, none in which the comparative cost of good seed is so little per acre. Recent experiments prove exclusively that a pure bred corn will yield from five to ten bushels more per acre than the corn ordinarily planted. We have taken great pains to procure choice seed stock from our growers, which we offer at reasonable prices.

Schwill's Prize Medal

Prize Medal is Tennessee grown; therefore, will make a better crop than any Northern variety. We have always been partial to seed corn grown in the South. If you want a corn to win prizes with at the fairs, get some of this stock. It is vigorous, healthy, a rank grower and an enormous yielder. It is early enough to ripen easily, a deep gourd seed grain, sound as a dollar, ears a full foot long, and a corn that will always over run in weight, either ear or shelled. On good land will make 60 to 75 bushels to the acre. Prize Medal has the size, the form, earliness and the yield. The big growth type is there and the quality, too. It is certainly a good corn, and you will like it. No other white corn can compare with it. This is a strong statement, but Prize Medal Corn will speak for itself. Send us a trial order, and if you are not satisfied with it, ship it back to us and we will refund your money. Price of Prize Medal Seed Corn as follows: **1 pt., 25c; 1 qt., 40c; postage paid. By express, 1 qt., 25c; 4 qts., 60c; pk., $1.00; bu., $3.00.**



Schwill's Prize Medal Corn.

Mammoth Red Cob White Dent

One of the best all-round white sorts for rich land, producing largest crops of finest quality corn. The ears average about 10 inches in length, of uniform size, and great depth of grain; rows 18 to 34, on red cobs, well filled. The grains are pure white, solid, very deep, producing the finest milling white corn. The yield of this superior corn is very large, sometimes as much as 90 bushels per acre. We unhesitatingly recommend it, both for yield of grain or using for ensilage. **Price: Qt., 30c; postage paid. By express, qt., 20c; pk., 50c; bu., $1.75.**

Improved Watson

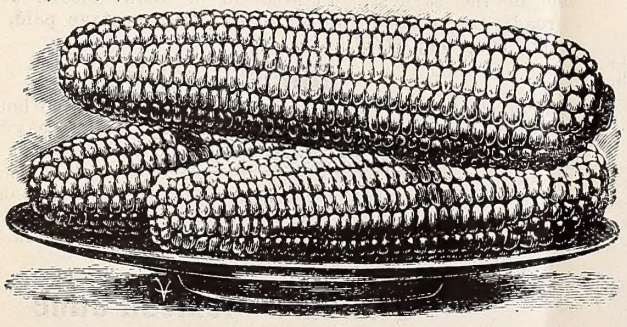
A Southern variety that has been planted quite extensively and has proven everything that was claimed for it. It is the best Southern White Corn in cultivation, flintier than the Mosby's Prolific; moderately early, cob small, grain deeply dented, of pure white color and makes excellent meal. We recommend same highly; any one using this corn will not be disappointed. **Qt., 40c; postage paid. By express, qt., 25c; pk., 75c; bu., $2.50.**

Strawberry Hickory King

An extraordinary fine type of the famous Hickory King, with red striped grains. Broad, deep grains on a small cob, larger ears than the White Hickory King. The immense broad striped grains make a beautiful show. It is the best corn in the world for poor and thin land. **Qt., 50c; postage paid. By express or freight, 4 qts., 75c; pk., $1.25; bu., $4.00.**

Marlboro Prolific

A standard 2 to 3 ear per stalk corn that is largely planted in the Carolinas. It is medium early in maturity, grains are a little flinty and make good meal. Good for planting on either uplands or bottom. It is a fair producer of foliage and makes good fodder. Grains and cob are both white. At right stages of growth makes a good "roasting ear." **Qt., 40c; postage paid. By express, qt., 25c; pk., 75c; bu., $2.50.**



Mammoth Red Cob White Dent Corn.

Improved Watson Prolific Corn.

What the People Say of Ratekin's Seed Corn

Marianna, Ark., June 24, 1912.

I am well pleased with Pride of Nishna Seed Corn received a few days ago. Enclosed find $6.00, for which ship me Ratekin's Gold Standard 90-day corn. I want something that will get there quick. The season is short. Rush. Truly yours, J. M. BUSH.

Lamar County, Ala., Aug. 12.

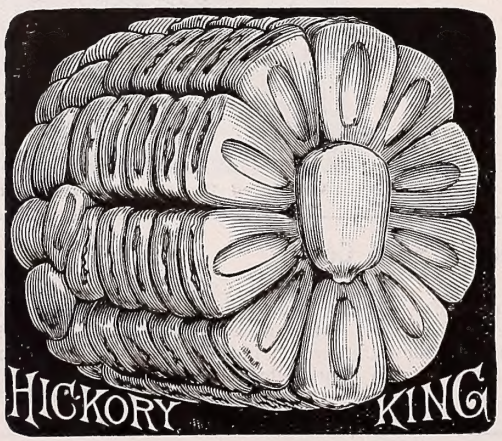
Gentlemen—The seed corn I purchased from you has made fine corn. I think it will make fully forty-five bushels to the acre; would not get along without your seed corn for ten times what it cost. Very truly, W. H. HARPER.

Mosby Prolific Corn.

RATEKIN'S SEED CORN.

Pride of Nishna planted May 25th. Character and quality fine. Matured ready for cribbing October 10th. Yield seventy-two bushels per acre.

M. F. OLDFIELD, Downer Grove, Ill.



Hickory King Corn.

Pedigreed Seed Corn

Mosby's Prolific

This is a Southern corn, pure white, small cob, deep full grain, neither too hard nor too soft, and stands crowding in the drill as close again as any other kind. Ears of medium size, but long. **Qt., 30c; postage paid. By express, qt., 20c; pk., 70c; bu., $2.00.**

Hickory King

Ours has the largest grain and smallest cob of any white corn, a single grain often covering the cob. Productive and profitable; bears two to three ears of medium size on each stalk. Makes good roasting ears and finest meal. Almost all corn and very little cob. Matures fully hard corn in 115 days. **Qt., 35c; postage paid. Pk., not prepaid, 75c; bu., $2.25.**

New Era

This has proven to be a superior variety of field corn. Many of our customers tell us it is the most profitable corn they have ever grown. It does not grow as tall, or have as large a stalk as Mosby's Prolific, but it has from 2 to 4 ears to the stalk. The ears are larger than either Batts or North Carolina, with white, deep grains. It is decidedly the best prolific corn for medium land. **Qt., 40c; postage paid. By freight, qt., 25c; pk., $1.00; bu., $3.00.**

North Carolina White Prolific

A fine variety of white field corn. It is very hardy and can be planted very early, as well as late. **Qt., 35c; postage paid. By express, pk., 75c; bu., $2.25.**

Eureka

This corn is a selection from the famous Cocke's Prolific, producing larger ears, but not so many to the stalk. The ears frequently measure from 12 to 14 inches long. It is a pure white, medium hard corn; fine keeper; an excellent corn for market or milling. Also a fine corn for ensilage. Has from 2 to 3 ears to the stalk; on good land will yield from 60 to 135 bushels to the acre. Grows from 12 to 16 feet high; will weigh about 60 pounds to the measured bushel. This corn, like all 2 or 3-eared sorts, will do best on good land, and is especially adapted for bottom land. **Qt., 40c; postage paid. By freight, qt., 25c; pk., $1.00; bu., $3.00.**

Schwill's Early Surprise

A good early white field corn. Planted about the middle of March, it will mature about the 1st of July. Ears of good average size. **Qt., 35c; postage paid. By freight, 4 qts., 50c; pk., 75c; bu., $2.00.**

Schwill's Ninety-Day Early White

One of the earliest. Planted on or about March 20, it will be ready to gather by July 1. **Qt., 30c; postage paid. By freight, pk., 50c; bu., $1.75.**

Jones' Prolific

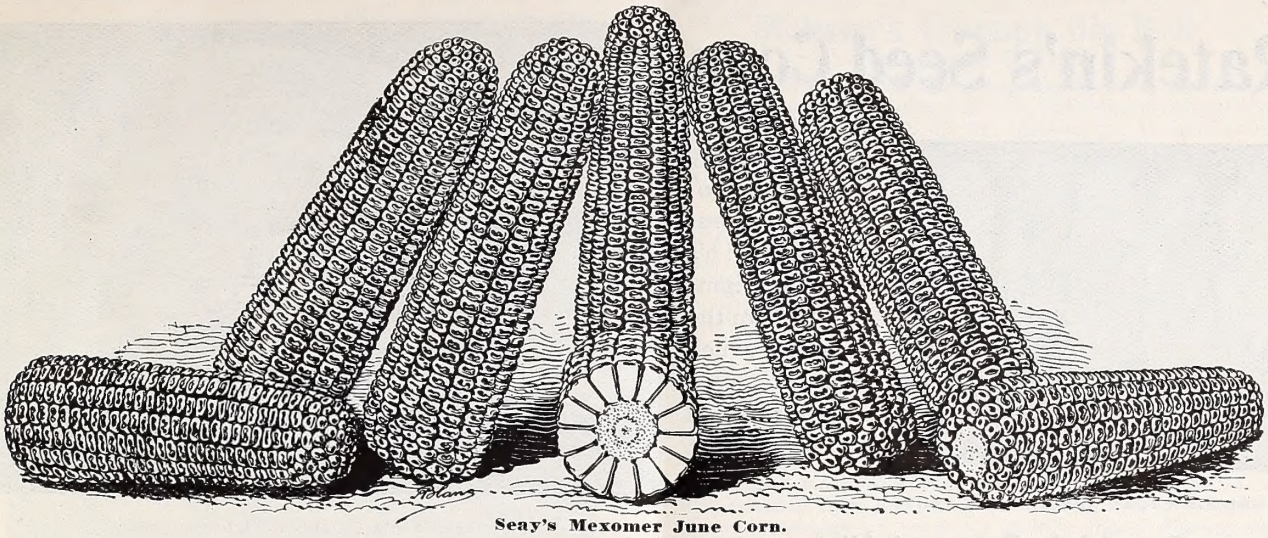
This new corn is a 14-row white field variety, without doubt the best for silo purposes ever propagated; stalks heavy; grow from 10 to 14 feet high, owing to the soil, with a broad leaf, making lots of fodder. Yields 4 to 9 ears to the stalk and makes 100 to 180 bushels to the acre. A beautiful white, long grain, with medium sized ears. On our trial grounds it proved to be one of the very finest varieties. **Qt., 50c; postage paid. By freight, qt., 35c; pk., $1.25; bu., $3.00.**

Standard Mexican June

For planting late after wheat, oats, rye, etc., are cut off. Practically a drouth-proof corn, if you can get enough moisture to give germination. For corn, plant in June. For heavy yield of forage, plant in May. Stalks 10 to 15 feet high, leaves 4 to 6 feet long. **Qt., 35c; postage paid. By freight, qt., 20c; pk., 75c; bu., $2.25.**

Batts' Four-Ear Prolific

We consider Batts' Four-Ear Prolific a splendid variety. The grain is white, flinty, rather short and broad, good size ears, 8 to 10 inches long, and fills out well. **Qt., 40c; postage paid. By freight, 4 qts., 50c; pk., 75c; bu., $2.50.**



Seay's Mexomer June Corn.

Pedigreed Seed Corn

Seay's Mexomer June

The corn of quality and quantity. Superior to the ordinary type of Mexican June Corn. It will pay you to plant pedigree high grade seed. Seay's Mexomer Corn is universally adapted to all soils and climatic conditions. The grain is a beautiful snowflake white, with grains soft and of fine texture; grows successfully with only half normal rainfall. The heavy root system makes it resistant to hot, dry weather. It is very prolific, bearing 2 to 5 ears to the stalk; out yields Dent varieties 20 to 40 per cent. Can be planted early as well as late. Will mature in 80 to 90 days. It will pay you to plant Seay's Mexomer Corn, it being strictly a Southern raised variety of highest qualities. **Price: Qt., 50c; postage paid. By freight, qt., 35c; 4 qts., 75c; pk., $1.25; bu., $4.00.**

Champion White Pearl—A thoroughbred, pure 90-day white corn, long ear and heavy yielder. **Qt., 30c; postage paid. By freight, pk., 50c; bu., $1.75.**

Iowa Silver Mine—A heavy yielding, large white corn; matures in about 90 days. **Qt., 30c; postage paid. By freight, pk., 50c; bu., $1.75.**

Clark County Champion—A fine early white corn; quite a favorite with our growers. **Qt., 30c; postage paid. By freight, pk., 50c; bu., $2.00.**

Brazilian or Stooling Flour Corn—A grand stooling sort, and each kernel produces several stalks, and each stalk bears 2 to 3 beautiful white ears, which makes a flour. **Pkt., 10c; qt., 35c; postage paid. By freight, 4 qts., 75c; pk., $1.25; bu., $4.00.**

Tennessee Mammoth Yellow—Ears are of a perfect shape, long and filled out to the end of the cob. The grains are not of a flinty type, neither are they so soft. A Southern grown large eared yellow corn, sure to give satisfaction. **Qt., 35c; postage paid. By freight, qt., 25c; pk., 60c; bu., $2.00.**

Golden Surprise—This splendid corn makes a large sized ear, small cob; deep grains, which are of a bright, attractive golden yellow color. Produces 2 to 3 ears to the stalk. **Qt., 35c; postage paid. By freight, 4 qts., 50c; pk., 70c; bu., $2.25.**

Schwill's Ninety-Day Early Yellow Corn—A standard variety of yellow corn; quick maturing. **Qt., 30c; postage paid. By freight, pk., 50c; bu., $1.75.**

Improved Yellow Leaming, 90 Days—Small grains, orange yellow color. **Qt., 30c; postage paid. By freight, pk., 50c; bu., $1.50.**

Iowa Gold Mine—Large ears; grains a bright golden yellow; matures in 90 days. **Qt., 30c; postage paid. By freight, pk., 50c; bu., $1.75.**

Reid's Yellow Dent (100 Days)—Ears medium size, remarkably uniform in size and of a light yellow color, with a deep grain and a small red cob. **Qt., 35c; postage paid. By freight, pk., 60c; bu., $2.00.**

Ensilage and Fodder Corn

Red Cob White Ensilage—Heavy tall stalks, for ensilage; the very best sort. **Pk., 50c; bu., $1.70.**

Evergreen Sweet Fodder Corn—Stalks are very sweet, rich and tender, producing the best fodder. **½ pk., 35c; pk., 60c; bu. (measured), $2.00.**

Pop Corn

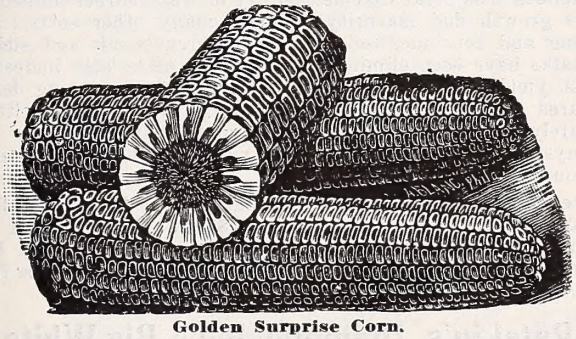
White Rice—Very easily popped, tender and white; the best for market.

White Pearl—A fine variety; clear white and productive.

Queen's Golden—A beautiful golden color; pops large.

Red Beauty—A new variety, fine flavor; pops well.

Price for any kind of Pop Corn, postage paid: Packet, 10c; ½ lb., 15c; 1 lb., 25c. Not prepaid, 1 lb., 15c; 5 lbs., 60c; 10 lbs., 85c.



Golden Surprise Corn.

FRISCO LINES.
Agricultural and Horticultural Department.
F. S. White, Commissioner.
333 East Walnut St.

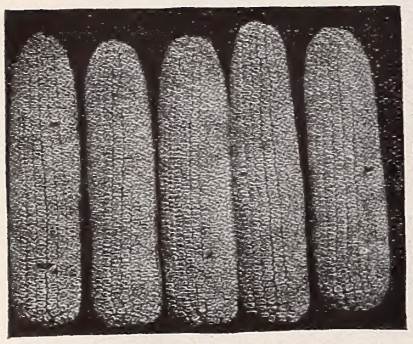
Springfield, Mo., Sept. 16, 1912.

Messrs. Otto Schwill & Co., Memphis, Tenn.

Gentlemen—This will inform you of the wonderful success with your Prize Medal Corn. We had planted on the Frisco Line 1,000 acres of this corn on our demonstration farms, and now we are receiving some wonderful samples and reports. We pay $100 in gold for the best ten acres of the corn grown this season. Have just visited the crops and have my eye on the crop which I think will be a winner. This crop, notwithstanding the drouth for eight weeks, will easily make 75 bushels of corn per acre. I bought this crop Saturday. Some of these corn stalks are 18 feet high and have two big ears. It is simply wonderful. When the records are all in it would be nice for you to have them and use them in your catalogue next year.

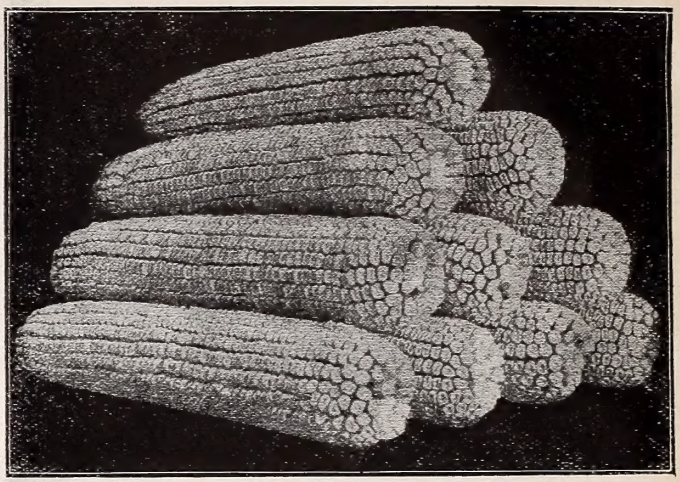
Yours very truly,
F. S. WHITE, Commissioner.

Ratekin's Seed Corn



Ratekin's Iowa Silver Mine Corn.

We can supply Southern customers the genuine Ratekin's Corns (in original bags from the growers) which are now too well known to need any description



Ratekin's Pride of Nishna Corn.

Ratekin's Pride of Nishna
Grand, Glorious Corn

Description—The stalks grow from 8 to 12 feet high, dependent on the land—hill or bottom ground—stalks strong and robust, very leafy, broad blades and plenty of them, making an excellent fodder or ensilage corn. Roots almost equal to that of sorghum, always resisting wind and storm and standing up well. Ears uniform in size and shape, cylindrical from butt to tip, running from 9 to 12 inches long and 7 to 8 inches in circumference, containing from 16 to 20 rows of deep kernels solidly set on a medium small red cob, shelling 86 to 88 per cent. grains and often even more. A wagon load of this corn weighs out two to four bushels more than ordinary varieties of corn, thus proving its solidity. It is a golden yellow, and a big crib full of it is a beautiful sight to behold. Its potency or power to reproduce is so great that neither dry or wet weather influences its growth and maturity, as does many other sorts. By long and continued selection the barren, weak and sickly stalks have been eliminated, which has materially increased its yielding qualities. It is the earliest maturing large eared yellow corn known or grown, always making itself safely and soundly beyond danger of frost in from 90 to 100 days' good corn weather. Our word for it, it will please you in every respect.

Price—Postpaid, by mail, sample ear, 25c; 1 lb., 25c; 3 lbs., 60c; 7 lbs. (will plant one acre), $1.00. By freight or express at purchaser's expense, pk., 60c; ½ bu., 90c; 1 bu., to 4 bu., $1.75; 10 bu. or over, $1.60 per bu. Bags free f. o. b. Memphis.

Ratekin's Diamond Joe's Big White

THE CORN THAT MADE 146 BUSHELS PER ACRE.

This wonderful new variety of white corn was originated and first introduced six years ago, and is now acknowledged by farmers, planters and corn growers everywhere as the "King of All White Corn."

POINTS OF SUPREMACY OVER OTHER VARIETIES.

1. It is pure and a distinct variety.
2. It is a strong, vigorous, robust grower from the start.
3. It is absolutely free from barren stalks, every stalk bearing one or more well developed ears.
4. It is very early to mature, making itself anywhere in 100 days or less.
5. It will thrive and do well in extreme drouth, where other varieties fail.

Prices: 1 lb., 25c; 3 lbs., 70c; postage paid. By freight, f. o. b. Memphis, 4 qts., 50c; pk., 75c; bu., $2.25.

RATEKIN'S SEED CORN.

Lake View, Ark., Oct. 18th.

I have planted and grown the Ratekin Seed Corn for the past four or five years and can say I am very much pleased with it. Send price list and catalogue as soon as out. Truly yours, C. E. TONEY,
Planter and Plantation Supplies.

Ratekin's Iowa Silver Mine, White

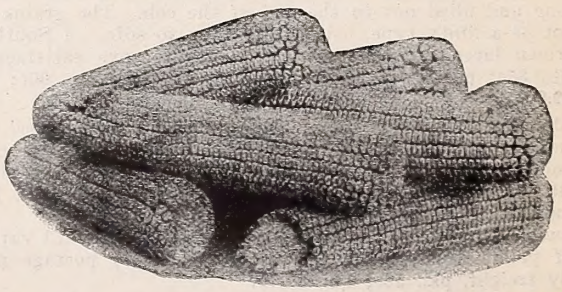
It is an absolute fact that "Ratekin's Iowa Silver Mine" has made the greatest record of any white corn on earth, and has captivated the hearts of the corn growing farmers throughout the whole world. "Ratekin's Iowa Silver Mine" is as near drouth-resisting as any variety ever produced, and being of extreme vitality will do better on old, poor or hill land than any variety in existence. We offer this corn to our farmers as one of the very best for feeding and for ensilage purposes. In the Southern States, where we have sold and sent tens of thousands of bushels during the past years, it has proven the great salvation of the country.

Prices: 1 lb., 25c; 3 lbs., 60c; postage paid. By freight or express, at purchaser's expense, pk., 50c; ½ bu., 90c; 1 bu. to 5 bu., $1.75.

Ratekin's Imperial White, Red Cob

It is pure white corn, with red cob—a sign within itself of great vitality; ears run from 9 to 12 inches long, measuring from 7 to 8 inches in circumference; 16 to 24 rows of very deep grains firmly set on a small red cob. The stalks are rather short and heavy, averaging from 7 to 10 feet in height, with a large amount of foliage. This corn does well anywhere and everywhere, and is especially adapted to old, poor and thin land, and will make a good crop where other sorts fail. It is also especially well adapted to the Southern States, and where early drouth and the parching hot weather often hurts and injures native sorts. It matures safely anywhere in from 90 to 100 days; is very solid and compact.

Price—Postpaid by mail, 1 lb., 25c; 3 lbs., 60c; 7 lbs. (will plant an acre), $1.00. By freight or express at purchaser's expense: Peck, 60c; half bu., 90c; 1 bu. to 5 bu., $1.75; 6 bu. to 10 bu. and over, $1.60 per bushel.



Ratekin's Diamond Joe Corn.

RATEKIN'S SEED CORN.

Moreland, La., Oct. 23, 1909.

I am in the mercantile business, although I plant corn every year, and want to say the seed corn I purchased from you last spring gave better results and satisfaction than any corn I ever planted. Very truly yours, M. H. TITUS.

Christopher's Imp. Big Boll Cotton.

Cotton Seed

Up-To-Date Farming

Each year proves the necessity of planting improved varieties of seed. More especially so in cotton and corn. With the changing labor conditions it is necessary to run our farms on close business principles. Labor cost increases; the cost of living increases, and there is only one way out to make a profit. It is not wise to plant more acres, but it is common business sense to make the acres you are now cultivating produce 50 to 100 per cent. more, without increasing labor and fertilizer costs.

We call special attention to the varieties of cotton seed that we offer. Our stocks are in nearly all instances procured direct from the originators—practical growers, who are selecting and improving the strains whch they offer from year to year. It is just as necessary to change your planting seed as it is to change seed of potatoes or corn. Likely you have wondered why it is you do not make a good, heavy crop. The trouble is with the seed you plant, using the same thing year after year, which is not only almost degenerate, but likely to be infected with disease.

Christopher's Improved Big Boll Cotton

The product of 25 years' careful selecting and breeding; large and vigorous grower, having good foliage, long tap root, withstanding drouths. Two to four large limbs put out at bottom of stalk, the large limbs and main stalk having short limbs and making 3 to 5 bolls to limb. Bolls are very large, 40 of them making 1 pound seed cotton, 5 to 7 locks to the cluster; seed cotton about 40 per cent. lint, easily picked, yet having enough blue to prevent falling out; medium seed and white to brown. It is conceded by all who know it to be the best field crop known, having produced 4 bales to the acre; two good pickers having picked a bale a day. It produces more to the acre than any other cotton known, and you can gather it; staple very strong and about 1 1-16 inches in Georgia. **Price, originator's stock, pk., $1.00; bu., $3.50; 10 bu., $30.00. Home grown seed, bu., $2.00; 10 bu., $17.50.**

Mebane's Triumph Big Boll

In Originator's Bags.

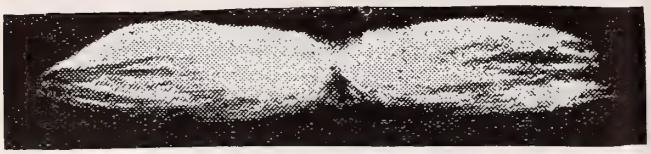
This great cotton, which has taken the place of many of the older and standard sorts, was first introduced several years ago in Caldwell County, by Mr. Mebane, and is known under the name of Mebane and Triumph, also Mebane Triumph. Few cottons will, under the same conditions, make as large a yield of seed cotton as the Triumph, and it surpasses every known variety, in lint turnout. It produces a strong, thrifty, deep rooted stalk, with long limbs and short joints. The bolls are large and begin to form near the ground close to the stalk. It is the earliest big boll cotton and stays in well after opening. If planted with the early small boll cotton it blooms and fruits at the same time, with the only exception that it takes the large bolls a few days longer to open. When picked free of dirt and water the lint turnout is from 38 to 41 per cent., and in many instances as high as 42 per cent. Last season our grower of this seed reported that his crop averaged a 500-pound bale to every 1,250 pounds of cotton seed throughout the season. The seed we offer is direct from Originator J. C. Mebane, in original 3-bushel bags, and has been thoroughly rogued and bred up for a number of years for strictly lint producing qualities, and as our supply is rather limited for this year, we would suggest that all our customers wishing this variety should place their orders as early as possible. **Pk., 50c; bu., $1.50; 10 bu., $14.00.**

Columbia Big Boll Long Staple Cotton

An improved big boll staple variety obtained by crossing of Egyptian Long Staple and the Russell Big Boll. Plants tall and branching; length of staple, which is strong in texture, is 1¼ inches; large locks and will gin out 35 per cent. The seed are green and white, with an occasional black seed, caused by one of its ancestors, one of which is the Russell. Will yield easily a bale to the acre, and matures medium early, therefore well adapted to all boll weevil sections. **Bu., $2.00; 5 bu., $8.75.**

Trice's Big Boll—Large boll, plant medium to tall, short limbs up to top, 2 to 3 large limbs at the bottom. Grows trim, straight up. No surplus foliage. Medium white seed. Opens early. Storm proof, but easily picked. A short staple—one inch. The top stalk above limbs fruits heavily to the apex or plant top; a most remarkable sight when in full yield. **By freight, pk., 60c; bu., $1.75; 10 bu., $15.00.**

Mebane's Triumph Big Boll Cotton.



Florodora Cotton.

Florodora Long Staple

This splendid cotton is the result of several successive seasons' selection and hybridization on the part of the originator. It is early, not late like most long staples; is easy to pick; it is productive, and the staple is the finest, especially on good land. Makes a large plant; therefore, does not admit of close planting. Florodora Cotton sold in Memphis at 21c to 23c per pound during October. Several customers reported a yield of a bale to an acre. You cannot miss it in Florodora if you want a staple variety. **Price: Pk., 50c; bu., $1.50; 10 bu., $13.50.**

Eureka Big Boll

A new variety of Improved Big Boll Cotton. Produces larger bolls and more of them than any other big bolled cotton. If you plant a big bolled variety, you will make no mistake planting this one. It is a vigorous grower, finely shaped and fairly covered with the biggest of bolls. Resists drouth splendidly. **Pk., 75c; bu., $2.00; 5 bu., $8.50.**

Simpkin's Early Prolific

Short staple. Resembles the King's, but is earlier by ten days, and bolls are larger and it gives much larger yields both in field and at the gin. **Pk., 50c; bu., $1.35; 10 bu., $12.50.**

Simpkins' Early Prolific Cotton.

Non-Warrantee on Cotton Seed

Our Cotton Planting Seed is raised for us by reliable growers, in most cases procured from the originators, and is as pure as it is possible to obtain the different kinds, but at the same time we must refuse to guarantee them in any way whatever.

Some customers look for such an increase in yield and length of staple, having in their mind the seed they planted was not up to their expectation, make claims which are unjust. The small profit we make does not justify us to guarantee them, and any cotton seed we send out will be on the above conditions.

We will ship you good, pure seed, the best possible to obtain, as it is to our interest to do so, but we make no guarantee on them whatever, which conditions are covered by the Standard Seed Disclaimer adopted by the American Seed Trade Association.

Cleveland Early Big Boll Cotton.

Cleveland Early Big Boll

Plant vigorous, thrifty, with low, close-jointed basal fruit limbs; large bolls, easily picked; medium sized seed, grayish to greenish; 34 to 38 per cent. lint, 1⅛ to 1¼ inches long, fine and strong. Earliest and most prolific at experimental stations. Especially recommended for sections where boll weevil is present. **Pk., 50c; bu., $1.50; 5 bu., $7.00.**

Excelsior Prolific

For boll weevil section. Early and prolific, tall grower, long tap root, resisting drouth; from 2 to 4 limbs near the surface, branching; 2 short limbs together all the way up to the top, all literally covered with bolls. **Pk., 50c; bu., $1.35; 5 bu., $6.25.**

Toole's Prolific

An early cotton, with superior lint. Small seed, yields 33 to 40 per cent., being a tall grower; has a long tap root, which resists drouth well; large bolls, easily picked. **Pk., 50c; bu., $1.35; 5 bu., $6.25.**

Broadwell's Double Jointed

Adapted to all sections; big bolls, does not blow or drop out easily; one of the best varieties lately introduced. Plant grows large and strong, resists dry weather; will turn out 37 to 40 per cent. lint. **Pk., 60c; bu., $1.75; 5 bu., $7.50.**

King's Improved

One of the best kinds to plant in this section, either in bottom or hill land. Owing to its peculiar branching habit it is a very prolific variety. Extra early and can be planted as late as July 1; will mature good crop. **Pk., 50c; bu., $1.25; 5 bu., $6.00.**

General List of Vegetable Seeds

While we invite a comparison of our prices with those of any reliable dealer, we wish to lay much the greater emphasis on the fact that "quality" is the paramount feature considered in what we have to offer.

Our Vegetable Seed Department contains all the good **standard varieties,** also many **novelties** introduced by ourselves and others in recent years, and we flatter ourselves that **none better can be obtained anywhere.** By comparison with the prices of other reliable dealers, ours will be found exceedingly reasonable.

WE DELIVER ALL SEEDS OFFERED ON THIS PAGE TO ANY POSTOFFICE OR EXPRESS OFFICE IN THE UNITED STATES, EXCEPT WHERE OTHERWISE NOTED.

DISCOUNT ON PACKET SEEDS.

For $ .10, select any 3— 5c packets.
For .25, select any 8— 5c packets.
For .50, select any 17— 5c packets.
For 1.00, select any 35— 5c packets.
For .25, select any 3—10c packets.
For .50, select any 7—10c packets.
All Postage Paid.

This offer applies to flat packets only, not to Peas, Beans or Corn.

Asparagus Roots.

SEEDS SENT BY MAIL POSTPAID—At the prices quoted in this list we send the seeds by mail or by express at our expense without any cost to the purchaser, excepting such prices as are preceded by the words, "By express." This means that when ordered at that price the seed is to be sent at the expense of the purchaser. **Deduct 10c per lb.** from "mail" prices if the seeds are to be sent by express or freight at purchaser's expense.

DISCOUNT ON SEEDS.

In ½, 1 and 2 oz., ½ pt. and 1 pt. pkgs.

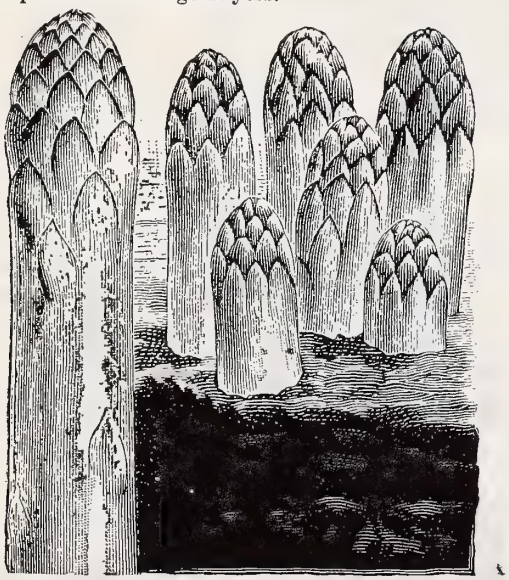
Remit $1.00 and select seeds in above size packages to value $1.25.
Remit $2.00 and select seeds in above size packages to value $2.60.
Remit $3.00 and select seeds in above size packages to value $4.00.
Remit $4.00 and select seeds in above size packages to value $5.50.

We also pay postage in addition to this discount.

Please remember this discount will not apply to any prices quoted on our market gardeners' Bulk Price List, nor will it apply on any seeds quoted in ¼, ½ and 1 lb. or quart packages, nor to any special collections. Kindly bear this in mind when ordering.

MARKET GARDENERS AND TRUCKERS:

Send for our Wholesale Bulk Garden Seed List. We make special prices to all large buyers.



Palmetto Asparagus.

ASPARAGUS.

One Ounce Will Sow 40 Feet of Drill.

Sow in spring as soon as the soil is in good working condition. Cultivate during summer, and give the plant a light covering of stable litter during winter. At one or two years, transplant to permanent beds.

Conover's Colossal—Very large, prolific and tender. **Pkt., 5c; 1 oz., 10c; ¼ lb., 20c; 1 lb., 50c; postage paid.**

Palmetto—A fine variety, producing large green asparagus. Very early and adapted to all climates. **Pkt., 5c; 1 oz., 10c; ¼ lb., 25c; 1 lb., 60c; postage paid.**

Columbian Mammoth White—A new and entirely distinct kind whose shoots are white and stay white as long as fit for use. **Pkt., 5c; 1 oz., 10c; ¼ lb., 25c; 1 lb., 75c; postage paid.**

ASPARAGUS ROOTS.

A saving of 1 to 2 years is effected by planting roots. For private use or for marketing on a small scale, beds should be formed 5 feet wide, with 3 rows planted in each, one in the middle and one on each side a foot from the edge; distance between the plants in the rows 9 inches. We send them by express only; they are too heavy for mailing. The three varieties named below at uniform prices, as follows:

	Dozen	Per 50	Per 100	Per 1000
2-year-old roots	**$ .25**	**$ .50**	**$ .75**	**$ 5.00**
3-year-old roots	**.50**	**1.00**	**1.50**	**10.00**

ARTICHOKE, GLOBE.

One Ounce will produce 500 Plants.

Sow in light, rich and rather moist soil, in drills 8 or 10 inches apart; when the plants are well up transplant, 4 or 5 inches deep, in rows 4 feet apart and 2 feet apart in the rows. Cover with straw during winter.

Green Globe French—Fine large heads. **Pkt., 5c; 1 oz., 30c; postage paid.**

ARTICHOKE, JERUSALEM.

Grown for its tubers, which resemble potatoes and are cultivated in a similar manner, only the rows should be at least 4 feet apart when grown in rich soils. Requires 3 bushels to an acre.

Large Tubers—Qt., 35c; postage paid. By freight, pk., 75c; bu., $2.00.

BROCOLI.

Sow as soon as the ground can be worked in the spring. Plant out 2 feet apart each way.

Purple Cape—Best for this country. **Pkt., 5c; 1 oz., 35c; 2 oz., 50c; ¼ lb., 75c; postage paid.**

BRUSSELS SPROUTS.

A very hardy plant of the cabbage family, growing from 2 to 3 feet high, producing from the sides of the stalk numerous small heads about 2 inches in diameter. Sow about the middle of March and treat generally as directed for cabbage.

Improved Half Dwarf—Pkt., 5c; 1 oz., 20c; 2 oz., 35c; ¼ lb., 50c; postage paid.

CORN SALAD, OR FETTICUS.

One ounce will sow about 18 square feet, and 6 pounds will sow one acre.

Sow in September or October. Large, round-leaved. **Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 70c; postage paid.**

CHIVES, OR SCHNITTLAUCH.

A species of onion, used for seasoning; mostly used for putting on cream or cottage cheese. Seed planted this spring will do to use next year. Hardy perennial. **Seed, per pkt., 10c; postage paid.**

CHERVIL.

Curled—Used for flavoring and garnishing. **Pkt., 5c; 1 oz., 25c; postage paid.**

CRESS, OR PEPPER GRASS.

One ounce will sow about 15 square feet.

A well-known pungent salad. Sow at frequent intervals, to keep up a succession, as it soon runs to seed.

Curled or Pepper Grass—Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c; postage paid.

True Water—Pkt., 10c; postage paid.

Bush, Dwarf or Snap Beans

One quart to 100 feet drill; 1½ bushels to the acre in drills. Plant when all danger of frost is over. Drop the beans 2 or 3 inches apart in rows, standing 18 inches to 2 feet apart. Hoe often—never when the vines are wet, or they will rust, drawing the earth slightly toward them, and at least once before they blossom sow land plaster upon them. As they reqiure but 6 to 8 weeks to make green pods, they can be sown as late as September 1.

Green Podded Beans

Full Measure—A new prolific stringless green podded bean, with extra long round pods, which remain firm and tender much longer than most sorts. **Pkt., 10c; ½ pt., 15c; pt., 25c; qt., 40c; postage paid. By express, qt., 25c; ½ pk., 90c; pk., $1.50; bu., $5.00.**

Black Valentine—Resembles the old Red Valentine and is a good forcer; the pods are round, very fleshy and entirely stringless; for early or late planting it is a most valuable bean. **Pkt., 10c; ½ pt., 15c; pt., 25c; qt., 40c; postage paid. By express qt., 25c; ½ pk., 70c; pk., $1.25; bu., $4.75.**

Burpee's Stringless Green Pod—This is the best absolutely Stringless Bean. Ready for market several days earlier than the best strain of Red Valentine. Pods are very tender and fine flavor. **Pkt., 10c; ½ pt., 15c; 1 pt., 25c; 1 qt., 40c; postage paid. By express, 1 qt., 25c; ½ pk., $1.00; pk., $1.75; bu., $6.00.**

Improved Early Red Valentine—Desirable for market or family use, being early, productive and tender. The pods are round. **Pkt., 10c; ½ pt., 15c; pt., 20c; qt., 40c; postage paid. By express, qt., 25c; ½ pk., 75c; pk., $1.25; bu., $4.50.**

Longfellow—A round-podded green bean of great merit; is entirely stringless and of good flavor. A good bean for early use. Showy and attractive pods, often 6 inches long. **Pkt., 10c; ½ pt., 15c; pt., 25c; qt., 40c; postage paid. By express or freight, not prepaid, qt., 25c; ½ pk., 75c; pk., $1.25; bu., $5.00.**

PRICE LIST FOLLOWING STANDARD BUSH BEANS, GREEN POD.

Pkt., 10c; ½ pt., 15c; pt., 25c; qt., 40c; postage paid. By Express or Freight—Not Prepaid.

	Qt.	½ Pk.	Pk.	Bu.
Best of All	$ .25	$ .60	$1.15	$4.50
Early Mohawk, Six Weeks	.25	.60	1.15	4.50
Early Yellow, Six Weeks	.25	.60	1.15	4.50
Extra Early Refugee	.20	.60	1.15	4.50
Giant Stringless Green Pod	.25	.75	1.25	5.00
Lightning Earliest Valentine	.25	.75	1.50	5.00
Refugee, or 1,000 to 1	.20	.70	1.25	4.75
Tenn. Green Pod	.25	.65	1.00	4.00
White Marrow	.25	.65	1.10	4.00

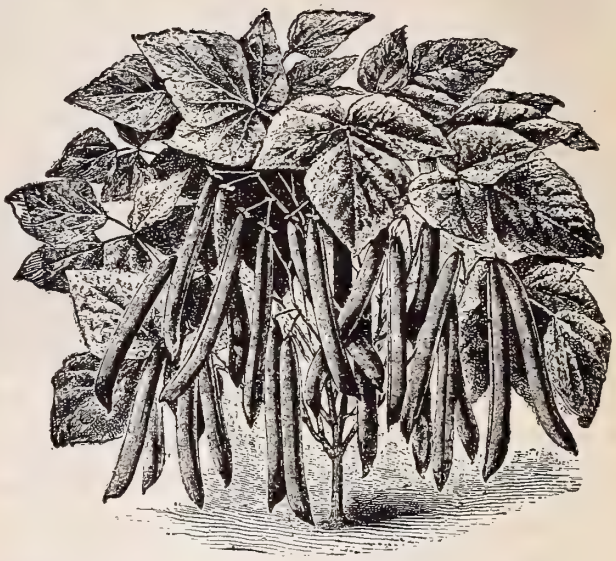
Packets of beans put up to sell at 5c, postage paid, usually contain too small a quantity to do any good. We therefore put up liberal-sized packets, containing one-third pint, at 10c, postage paid.

Wax Podded or Butter Varieties

Currie's Rust Proof—Very productive, rustless; long flat pods, which are very crisp, brittle and tender when young. Fine for shipping. **Pkt., 10c; ½ pt., 15c; pt., 25c; qt., 40c; postage paid. By freight or express, qt., 25c; ½ pk., 75c; pk., $1.50; bu., $5.25.**

Davis' White Wax—Immensely productive, bearing large, handsome straight pods, 6 inches in length. The pods are tender, free from any strings whatever. The dry white seed is desirable for winter market as a shell bean. Flavor when baked particularly good. **Pkt., 10c; ½ pt., 15c; pt., 25c; postage paid. By express or freight, qt., 25c; 4 qts., $1.00; pk., $1.50; bu., $5.75.**

Flageolet Violet Wax—Pods large, flat and curved. **Pkt., 10c; ½ pt., 15c; pt., 25c; qt., 45c; postage paid. By express, qt., 30c; ½ pk., $1.00; pk., $1.75; bu., $7.00.**



Bush Beans, Burpee's Stringless Green Pod.

PRICE LIST FOLLOWING STANDARD BUSH BEANS, WAX POD.

Pkt., 10c; ½ pt., 15c; pt., 25c; qt., 40c; postage paid. By Express or Freight—Not Prepaid.

	Qt.	½ Pk.	Pk.	Bu.
Brittle Wax	$ .25	$ .75	$1.50	$5.50
Flageolet Scarlet Wax	.25	.75	1.40	5.00
German or Dwarf Black Wax	.25	.75	1.50	5.50
Golden Eyed Wax	.25	.75	1.40	5.25
Golden Wax Improved	.25	.75	1.50	6.00
Hodson's New Wax	.25	.75	1.25	5.00
Sure Crop Stringless Wax	.25	.75	1.25	4.50
Valentine Wax	.25	.75	1.25	4.50
Wardwell Kidney Wax	.25	.90	1.75	6.50

Bush Beans, Full Measure.

POULTRY SUPPLIES, INCUBATORS, BROODERS, BONE CUTTERS, GRIT, SHELL, BONE, MEDICINES, LICE KILLERS, FOUNTAINS, LEG BANDS, ETC.

We have a special descriptive and illustrated Poultry Supply Price List, which also contains complete list of Stock Foods and Bee Supplies, Spray Pumps, etc. We are glad to send it to any one interested.

Pole Lima and Butter Beans

One quart will plant about 150 hills. Culture the same as for other Pole Beans. Sow seed about the middle of April, not sooner. The ground must be warm, otherwise the beans will rot.

King of the Garden Lima—Vigorous and productive. Produces an abundance of pods, 5 to 6 inches long, well filled with beans of very large size, quality first-class. This bean is planted by many private and market gardeners in preference to all other sorts. **Pkt., 10c; ½ pt., 15c; pt., 25c; qt., 45c; postage paid. By express or freight, not prepaid, qt., 30c; ½ pk., $1.00; pk., $2.00; bu., $7.00.**

Willow Leaf Butter Beans—Beans pure white, good size; vines have small leaf, resembling a willow tree, and are always full of fine beans. **Pkt., 10c; ½ pt., 20c; pt., 30c; qt., 50c; postage paid. By express, qt., 35c.; ½ pk., $1.00; pk., $2.00; bu., $7.00.**

Schwill's Monstrous Lima—The pods are of enormous size, many specimens measuring from 5 to 8 inches and producing up to 7 beans to the pod, all perfectly formed and of superior quality. **Pkt., 10c; ½ pt., 15c; pt., 25c; qt., 50c; postage paid. By express, pt., 15c; qt., 35c; ½ pk., $1.25; pk., $2.25; bu., $8.50.**

Standard Sorts

Pole Lima Beans

Prices uniform as follows: Pkt., 10c; ½ pt., 15c; pt., 25c; qt., 45c; postage paid. By express, pt., 15c; qt., 30c; 4 qts., $1.00; pk., $1.75; bu., $6.50.

Carolina or Sieve	Large White Lima
Siebert's Early Lima	Dutch Case Knife

Bush or Dwarf Lima Beans

Henderson's Bush Lima—A dwarf form of the Small Lima and valuable because of its extreme earliness. Pods short, fat and containing from 2 to 4 beans; superior in quality. **Pkt., 10c; ½ pt., 15c; pt., 25c; qt., 40c; postage paid. By express, pt., 15c; qt., 25c; ½ pk., $1.00; pk., $1.75; bu., $6.50.**

Burpee's Improved Bush Lima—This is the bush form of the large Lima Bean. **Pkt., 10c; ½ pt., 15c; pt., 30c; qt., 50c; postage paid. By express, pt., 20c; qt., 35c; ½ pk., $1.25; pk., $2.25; bu., $8.50.**

Wood's Prolific Bush Lima—A greatly improved strain of Henderson's Bush Lima. Produces much larger pods and beans. **Pkt., 10c; ½ pt., 15c; pt., 30c; qt., 50c; postage paid. By express, pt., 20c; qt., 35c; ½ pk., $1.00; pk., $1.75; bu., $6.50.**

Pole or Running Beans

One quart will plant about 150 hills. These require more care than the Bush Beans, and should not be planted until two weeks later, as they stand in much more danger from the frosts. Plant in hills, from 5 to 6 seeds in each, about 2 inches deep; the hills should be 4 feet apart.

Early Golden Cluster Wax—Comes in ten days later than the Dwarf Golden Wax. The pods are 6 to 8 inches long, borne in clusters in the greatest profusion. **Pkt., 10c; ½ pt., 20c; pt., 30c; qt., 50c; postage paid. By freight or express, not prepaid, qt., 35c; ½ pk., $1.25; pk., $2.25; bu., $8.00.**

Scotia Pole or Cornfield Bean—The handsome green pods average 8 or 9 beans to the pod, grow very uniform, about 6 inches long, thick meated, rich and buttery. It continues in bearing so long it might be called "Everbearing." Specially adapted to growing on corn, thus economizing space on valuable land, or where poles are scarce. **Pkt., 10c; ½ pt., 20c; pt., 30c; qt., 50c; postage paid. By express, qt., 35c; ½ pk., $1.00; pk., $1.50; bu., $5.00.**

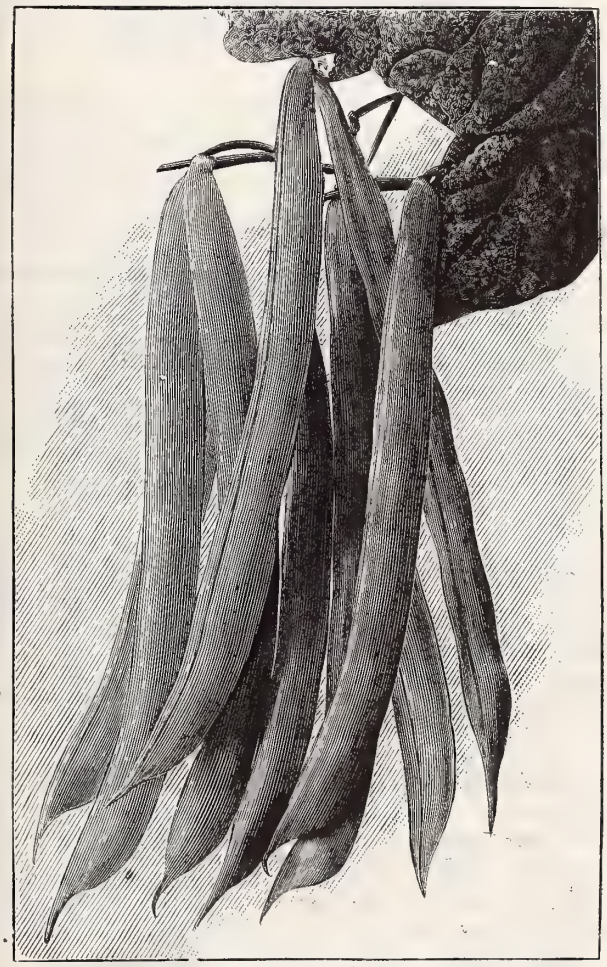
Kentucky Wonder or Old Homestead—A famous pole variety. It is one of the best. Vigorous grower, very productive, bearing its long pods in clusters, nearly round, very crisp, tender and of a most superior flavor. **Pkt., 10c; ½ pt., 15c; pt., 25c; qt., 40c; postage paid. By express, qt., 25c; ½ pk., 85c; pk., $1.50; bu., $5.50.**

Lazy Wives Pole—Pods thick, very fleshy, broad and entirely stringless. A very desirable sort, either green or shelled. Dried beans are nearly round, pure white. **Pkt., 10c; ½ pt., 15c; pt., 25c; qt., 45c; postage paid. By express or freight, not prepaid, qt., 30c; ½ pk., $1.00; pk., $1.75; bu., $6.50.**

Other Pole Beans

Prices: Pkt., 10c each; ½ pt., 15c; pt., 25c; qt., 40c; postage paid. By express, qt., 25c; ½ pk., 75c; pk., $1.50; bu., $5.00.

Red Speckled Cut Short	Southern Prolific
Tall German Wax	Southern Creasback
Horticultural or Wren's Egg	Tennessee Wonder



Pole Beans, Kentucky Wonder.

Poolville, Tex., Jan. 2, 1910.

Otto Schwill & Co., Memphis, Tenn.

Gentlemen—Please send me one of your seed catalogues. I have changed my address and thought I would write you for a catalogue, as I want to send and get my seed from you, as I have always had good luck with seed that I ordered from you. Yours truly,

MINNIE WAMPLER.

SCHWILL'S STAR COLLECTION.

Twelve Papers Assorted Flower Seeds for Only 25c, Postage Paid.

Asters, Mixed	Petunia, Mixed
Cypress Vine, Mixed	Phlox, Mixed
Mignonette, Sweet	Poppy, Mixed
Nasturtium, Mixed	Sweet Alyssum
Pansy, Mixed	Sweet Peas, Mixed
Pink, Mixed	Verbena, Mixed

Beets

One ounce to 50 feet drill; 4 to 5 pounds to the acre in drills. Beets require a deep, rich and mellow soil. Drop about 1 inch deep in drills 12 to 18 inches apart. Thin to 6 and 12 inches, and hoe often until the tops cover the ground. In dry weather it is a good idea to soak the seed before planting. **5c per pkt., or 3 pkts. for 10c, any variety; postage paid. Except where priced otherwise.**

If beet seed are ordered by express, deduct 10c per lb. from following prices:

Schwill's Excelsior Beet—The earliest of any beet in existence. You want it for market. It is of perfect globe shape with small tap roots. The color of the flesh is very dark red. In flavor it cannot be beat. It is tender, sweet and juicy, retaining its crispness throughout the season. The foliage, which is of a very dark color, is very small, permitting close planting of beets. **Pkt., 10c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 50c; 1 lb., $1.50.**

Crimson Globe—A new variety, darker in color than Eclipse and slightly larger, flesh tender and sweet. **1 oz., 10c; 2 oz., 15c; ¼ lb., 30c; 1 lb., $1.00; postage paid.**

Detroit Dark Red—Beautiful round form, skin dark blood red, flesh bright red. **1 oz., 10c; 2 oz., 15c; ¼ lb., 30c; 1 lb., $1.00; postage paid.**

Crosby's Egyptian—Extra early, round, dark red, a decided improvement on the ordinary Egyptian, being smoother and thicker. **1 oz., 10c; 2 oz., 15c; ¼ lb., 30c; 1 lb., $1.00; postage paid.**

Eclipse—Nearly globular, smooth and with very small tap root, and very small collar; flesh fine grained, blood red, also a market favorite. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 90c; postage paid.**

Landreth's Best Beet—Very early, round rooted, dark red skin; flesh a beautiful crimson, of fine quality. **Pkt., 10c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.50; postage paid.**

PRICE LIST STANDARD BEETS.

Postage Paid.

	1 oz.	2 oz.	¼ lb.	1 lb.
Bassano Extra Early	$ .10	$ .15	$ .30	$ .85
Extra Early Egyptian	.10	.15	.25	.85
Early Blood Turnip	.10	.15	.25	.85
Edmand's Blood Turnip	.10	.15	.25	.80
Market Gardener's	.15	.25	.40	1.25
Improved Long Blood	.10	.15	.25	.75

Beet Plants—Eclipse and Crosby Egyptian, 50 for 25c, 100 for 35c, 1,000 for $2.50; by express.

Swiss Chard or Silver Beet

Lucullus—The chard beets are growing in popularity. The leaves are used for "greens," considered by many superior to spinach for this use. When grown on rich soil enormous stalk and leaves are produced; exceedingly tender and easily prepared. **Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., $1.00; postage paid.**

Beet, Crosby's Egyptian.

Mangel Wurzel, Golden Tankard.

Mangel Wurzel and Sugar Beets

Five to Six Pounds of Seed will Plant an Acre.

Culture—Sow in drills 2 feet apart when suitable time comes for sowing oats and planting corn. When plants are 2 or 3 inches high thin or cut out with hoe to 8 to 12 inches apart. Long varieties are best suited to deep rich soil. The Tankard sorts succeed better than long ones on thin or sandy soil.

Price any of the following varieties, 5c per pkt., or 3 pkts. for 10c; 1 oz., 10c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 45c. By express or freight, ½ lb., 20c; 1 lb., 35c; 5 lbs. and over, 30c per lb.

Golden Tankard—Top and neck very small; root ovoid, large; flesh yellow, zoned with white; an excellent sort.

Mammoth Long Red Mangel—Mammoth size; skin light red, flesh white and rose. Grows well out of ground.

Prize Winner Yellow Globe—Top small, root medium sized; skin deep orange yellow, flesh white. Grows almost out of the ground; good for shallow ground; easy to harvest.

Large Red Globe—Similar to the preceding; has smaller top and neck; outside skin dark red.

Torroja Mangel—The finest type of yellow mangel in cultivation; roots immense; has a record of producing 106 tons per acre.

Sludstrup Barres Mangel—New and desirable; awarded first prize by the Danish government for the finest mangel; roots clear yellow.

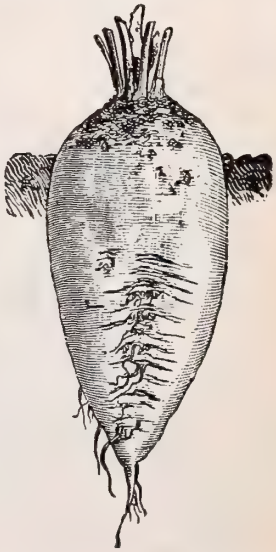
Giant Feeding Sugar Beet—By skillful breeding there has been developed in Giant Feeding Sugar Beet a sort very much more valuable for feeding purposes than the old sort. Roots large, oval in form, very smooth, with few rootlets, with small top.

Lane's Imperial Sugar—Grows to a large size, is more like Mangel Wurzel in character, but the flesh is sweeter and tenderer; in fact, sometimes used for table.

We can also supply the following varieties at prices given above:

Eckendorfer Yellow Mangel	Klein Wanzleben Sugar
Eckendorfer Red Mangel	Half Pink Sugar
Gate Post Mangel	White Red Top Sugar
Green Top Sugar Beet	Vilmorin Imp. Sugar

Beet, Schwill's Excelsior.



Giant Feeding Sugar Beet.

SCHWILL'S BANNER COLLECTION.

Twelve packets of best garden seed for only 25c, postage paid. One packet each of the following varieties:

Beet, Blood Turnip	Melon, Rattlesnake
Cabbage, Wakefield	Mustard, Southern Curled
Cabbage, Flat Dutch	Radish, Scarlet Turnip
Collard, Southern	Squash, Early White Bush
Cucumber, Long Green	Tomato, Early Acme
Lettuce, Deacon Head	Turnip, Purple Top Flat

Cabbage, Charleston or Large Wakefield.

Cabbage

The cabbage, to be well grown, requires a deep, rich, loamy soil. For early use, sow the seed in hotbeds in February or March, or it may be sown about the middle of October and the plants wintered over in cold frames. Transplant in spring, as soon as the ground can be worked, in rows 2 feet apart, and the plants 18 inches apart in the rows. For late or winter use, the seed should be sown in May and the plants set out in July, 2½ by 3 feet. One ounce will produce 2,000 plants. **Price, any variety of Cabbage Seed, 5c per pkt; 3 pkts. for 10c; postage paid. Except where noted otherwise.**

Early Spring—Extra early flat cabbage. It is fully as early as the Jersey Wakefield, but the heads are roundish, like Early Summer. **1 oz., 25c; 2 oz., 40c; ¼ lb., 60c; 1 lb., $2.00; postage paid.**

Copenhagen Market Cabbage—A flat headed sort, as early as Jersey Wakefield. We take great pride in offering this extra good, new Cabbage to our customers. It is now possible to have large flat heads, with their characteristic fine quality, just as early as the pointed heads, which have heretofore been all that we could get in the early part of the summer. **Pkt., 10c; ½ oz., 40c; 1 oz., 60c; 2 oz., $1.00; ¼ lb., $3.00; 1 lb., $8.00; postage paid.**

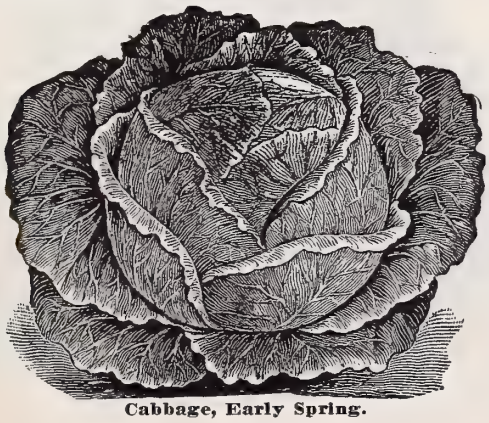
Extra Early Eureka—This is a valuable extra early variety, coming into use as early as Wakefield. The heads are round, slightly flattened and very solid. **1 oz., 35c; 2 oz., 50c; ¼ lb., 75c; 1 lb., $2.50; postage paid.**

Early Summer—A second early cabbage, which matures about 10 days after the Jersey Wakefield. It makes a large, solid, flattish head. **1 oz., 20c; 2 oz., 35c; ¼ lb., 50c; 1 lb., $1.50; postage paid.**

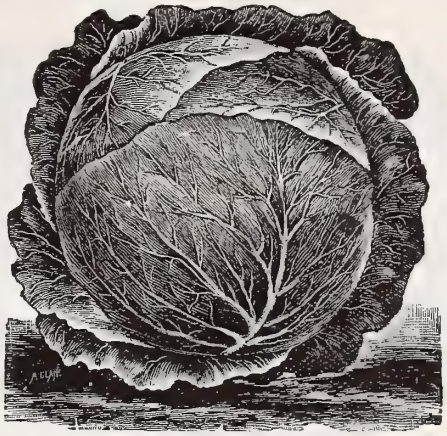
Early Jersey Wakefield—A leading variety and one of the best for private or market gardeners' use; conical shape. **1 oz., 25c; 2 oz., 50c; ¼ lb., 60c; 1 lb., $1.50; postage paid.**

Charleston or Large Wakefield—Large, solid heads, of good quality; a few days later than Early Jersey Wakefield. Specially recommended for market gardeners. **1 oz., 25c; 2 oz., 40c; ¼ lb., 60c; 1 lb., $1.50; postage paid.**

Early Winnigstadt—Conical shape; quality very good. This variety is especially adapted for light soils, where it does better than other sorts. **1 oz., 20c; 2 oz., 35c; ¼ lb., 50c; 1 lb., $1.40; postage paid.**



Cabbage, Early Spring.



Cabbage, Danish Ballhead.

Extra Early Express—While not quite so large as Jersey Wakefield, it is several days earlier, and for a first early variety cannot be excelled. **1 oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., $1.75; postage paid.**

Danish Ballhead—The hardest heading variety known. Heads of medium size, with but few outer leaves, admitting close planting; exceeding fine, hardest of all, tender, crisp and solid, with no waste of heart and will average 10 lbs. **1 oz., 25c; 2 oz., 40c; ¼ lb., 75c; 1 lb., $2.00; postage paid.**

Schwill's Ideal Winter—A favorite late winter cabbage. The heads are very satisfactory as to size, weight, quality, smallness of heart, sure-heading and long-keeping qualities; withstand drouth better than most varieties. **1 oz., 25c; 2 oz., 40c; ¼ lb., 60c; 1 lb., $2.00; postage paid.**

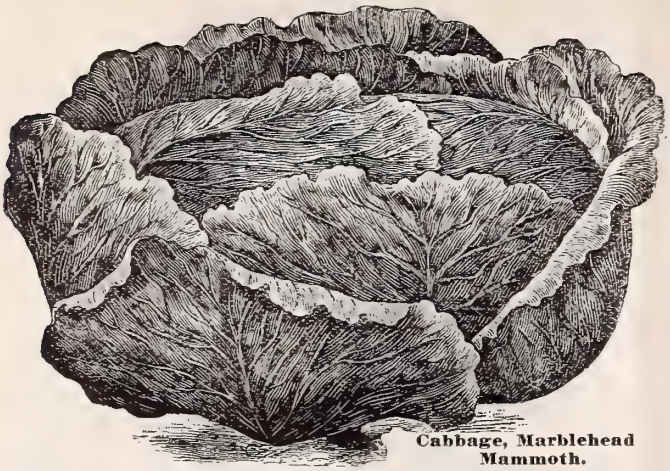
Schwill's Frost Proof Drumhead Cabbage—A sort which stands out in the open fields all winter without the slightest protection. It is by far the hardiest of any cabbage grown. Frost proof, has a short stem and makes a deep blue and wide leaf, making a broad, flat, hard head, all very uniform in size. **Pkt., 5c; ½ oz., 25c; 1 oz., 50c; 2 oz., 75c; ¼ lb., $1.00; 1 lb., $3.00; postage paid.**

Glory of Enkhuizen—This splendid sort, introduced a few years ago from Holland, is gaining in popularity each year as people learn of its many desirable qualities. It is one of the very earliest, has large solid head, fine ribbed, and is of excellent quality. The outer leaves are globe shaped, permitting close planting. Medium in size. Its value lies in the private garden and for the market gardener who grows for high class trade. **1 oz., 35c; 2 oz., 60c; ¼ lb., 80c; 1 lb., $2.00; postage paid.**

Fottler's Brunswick—This variety produces large heads, weighing 15 to 20 lbs. The quality is good, and it can be grown either as a second early or late sort. **1 oz., 25c; 2 oz., 40c; ¼ lb., 60c; 1 lb., $1.50; postage paid.**

Stein's Early Flat Dutch—A large and very desirable strain of Flat Dutch; heads very compact; few leaves and short stemmed. The heads are large, nearly round and very solid. **1 oz., 20c; 2 oz., 35c; ¼ lb., 50c; 1 lb., $1.50; postage paid.**

Cabbage, Schwill's Frost Proof Drumhead.



Cabbage, Marblehead Mammoth.

Cabbage

Solid South—A magnificent cabbage, resembling the Early Summer, but is earlier, larger, more uniform; has fewer outside leaves. **1 oz., 25c; 2 oz., 40c; ¼ lb., 60c; 1 lb., $1.75; postage paid.**

Selected All-Seasons—An early Drumhead Cabbage, yielding heads of the largest size. **1 oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., $1.75; postage paid.**

Early Drumhead—A second early, large, round, solid heading variety. This we consider the best for following Charleston Wakefield; it matures about ten days later. **1 oz., 20c; 2 oz., 35c; ¼ lb., 50c; 1 lb., $1.40; postage paid.**

Early Flat Dutch—This is a grand second early cabbage, of large size and A. No. 1 quality. Larger than Early Summer. **1 oz., 25c; 2 oz., 40c; ¼ lb., 60c; 1 lb., $1.50; postage paid.**

Succession—A good second early round headed sort, heads very evenly. **1 oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., $1.75; postage paid.**

All Head Early—Of excellent quality. The deep, flat heads are remarkably solid and very uniform in size. **1 oz., 25c; 2 oz., 40c; ¼ lb., 60c; 1 lb., $1.75; postage paid.**

Volga—A grand variety for late planting; matures early; flat, solid heads. **1 oz., 25c; 2 oz., 40c; ¼ lb., 60c; 1 lb., $1.75; postage paid.**

Improved Large Late Drumhead—We recommend this for late market. For heading, evenness of crop and size, our strain of this cannot be surpassed. **1 oz., 20c; 2 oz., 35c; ¼ lb., 50c; 1 lb., $1.50; postage paid.**

Marblehead Mammoth Drumhead—The largest cabbage grown. It is no uncommon occurrence to find a head weighing from 50 to 60 lbs. **1 oz., 20c; 2 oz., 35c; ¼ lb., 50c; 1 lb., $1.60; postage paid.**

Drumhead Savoy—This is undoubtedly the finest type of Winter Cabbage. After having been frosted it boils lake marrow, and is not surpassed even by the cauliflower in its best condition. **1 oz., 20c; 2 oz., 30c; ¼ lb., 50c; 1 lb., $1.50; postage paid.**

Price List Standard Varieties Cabbage Seed

5c per pkt.; any 3 pkts. for 10c.

Postage Paid.

	1 oz.	2 oz.	¼ lb.	1 lb.
Danish Summerhead	$ .20	$ .30	$ .40	$1.40
Early Dwarf York	.15	.25	.35	1.25
Large Early York	.15	.25	.35	1.25
Green Glazed	.25	.40	.60	1.75
Red Dutch	.25	.40	.60	1.75
Surehead	.20	.30	.50	1.50
Schwill's Matchless Flat Dutch	.20	.30	.50	1.50
Imp. Large Late Flat Dutch	.20	.30	.50	1.40

We sell ½ ounce packages of Cabbage Seeds at ounce rates, ½ pounds at pound rates.

Cabbage Plants Ready March 1

Varieties as follows: Early Wakefield, Charleston Wakefield, Early Summer Succession, Early Flat Dutch, Early Drumhead, Solid South, Late Drumhead. **Price, 35c per 100; $2.50 per 1,000. By express only.**

Cauliflower

One ounce will produce about 2,000 plants. Sow in hotbed early in January and transplant any time suitable after the first of March. Our stock is of the very best quality, making a sure head. We do not handle the cheap grade of cauliflower, which can be bought at one-fourth of our price—such seed is dear at any price. If you cannot afford to buy the best seed do not plant at all.

Dry Weather Cauliflower—This new cauliflower is especially adapted for growing in dry locations, when other varieties fail. It produces large, solid heads. By the use of this strain, cauliflower can be grown in the South where it has been almost impossible heretofore to raise it. **Pkt., 10c; ¼ oz., $1.00; 1 oz., $2.75; postage paid.**

Extra Early Erfurt—The earliest for market; sure heading. **Pkt., 10c; ¼ oz., 60c; 1 oz., $2.00; postage paid.**

Extra Early Snowball—Snow white, sure header. **Pkt., 10c; ¼ oz., 75c; 1 oz., $2.50; postage paid.**

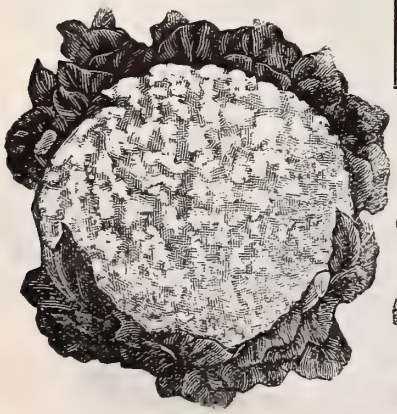
Danish Giant—Very large heads, late. **Pkt., 10c; ¼ oz., 75c; 1 oz., $2.50; postage paid.**

Cauliflower Plants—Early Snowball. **Per doz., 25c; 50 for 75c; 100 for $1.00. By express only.**

Important

Superior stocks are necessary to the prosperity of the market gardener. The inferior article may be more attractive at the beginning because it costs less, but the superior seed give the more valuable product. You cannot afford to be without the best of seeds. Write for special price list for market gardeners and truckers.

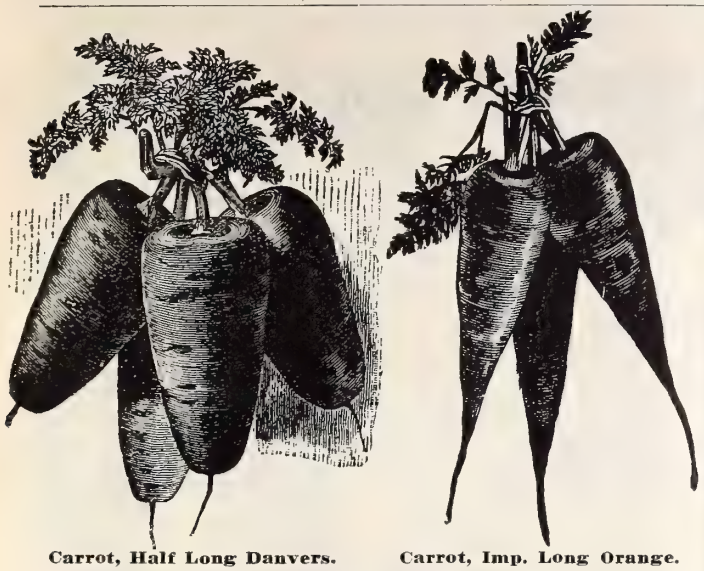
Send for Our
POULTRY SUPPLY
PRICE LIST



Cauliflower, Extra Early Snowball.

Cabbage, Drumhead Savoy.

Cabbage, Solid South.



Carrot, Half Long Danvers. Carrot, Imp. Long Orange.

Carrots

Crop Short.

One ounce to 100 feet drill; 2 to 3 pounds to the acre in drills. Sow during any of the spring months in drills from 12 to 15 inches apart, and thin to 3 or 4 inches in the drill. Requires deep, rich, mellow soil and thorough culture. **Any variety, pkt., 5c; 3 pkts., 10c.**

Danvers Half Long—Flesh dark orange; smooth, handsome roots of medium length; tapering uniformly to a blunt point; very productive and a great favorite with market gardeners. **1 oz., 15c; 2 oz., 30c; ¼ lb., 50c; 1 lb., $1.35; postage paid.**

Chantenay Half Long—Very early and productive, always smooth, orange red, flesh crisp and tender. **1 oz., 15c; 2 oz., 30c; ¼ lb., 50c; 1 lb., $1.35; postage paid.**

Half Long Scarlet—Very popular variety, a deep red color of perfect form. **1 oz., 15c; 2 oz., 25c; ¼ lb., 45c; 1 lb., $1.25; postage paid.**

Improved Long Orange—An old standard and very popular variety, growing to large size; fine for market; one of the best varieties for stock feeding. **1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.25; postage paid.**

Early Scarlet Horn—Not large, but a favorite for early crop. Small tops, stump rooted, orange flesh and fine grain. **1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.25; postage paid.**

Ox Heart—Stump rooted. Three or 4 inches in diameter; flesh bright orange, fine grained and sweet; very productive. Where other varieties require digging, Ox Heart can be easily pulled. **1 oz., 15c; 2 oz., 25c; ¼ lb., 50c; 1 lb., $1.35; postage paid.**

Mammoth Orange—Extra large golden yellow; smooth. **1 oz., 20c; 2 oz., 35c; ¼ lb., 50c; 1 lb., $1.50; postage paid.**

Yellow Belgian Carrot—Large yellow root, with green top, grown exclusively for feeding stock. **1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., $1.10; postage paid.**

Celery

One ounce will produce about 3,000 plants. Sow in April or May, and rake the seed in lightly; water and shade from strong sun. **Any variety, pkt., 5c; 3 pkts. for 10c.**

White Plume—One of the best for early use; handsome, good quality and blanches easily. **½ oz., 10c; 1 oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., $2.00.**

Golden Self-Blanching—Early, large, crisp, solid, good flavor. **½ oz., 20c; 1 oz., 35c; 2 oz., 60c; ¼ lb., $1.00; 1 lb., $3.50; postage paid.**

Giant Pascal—Thick, solid stalks, golden hearts; blanches quickly; keeps well, good flavor; one of the most popular varieties. **½ oz., 10c; 1 oz., 15c; 2 oz., 30c; ¼ lb., 50c; 1 lb., $1.50; postage paid.**

Large White Solid—A standard, well known variety. **½ oz., 10c; 1 oz., 15c; ¼ lb., 50c; 1 lb., $1.40; postage paid.**

Perfection Heartwell—An excellent large, solid growing variety of creamy white color, one of the very best market sorts and a good keeper. **½ oz., 10c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.35; postage paid.**

Henderson's Half Dwarf—Waxy golden color; medium stalk, excellent quality. **½ oz., 10c; 1 oz., 15c; 2 oz., 30c; ¼ lb., 50c; 1 lb., $1.50; postage paid.**

Seasoning Celery—**1 oz., 5c; ¼ lb., 20c; 1 lb., 60c; postage paid.**

Celeriac, or Turnip-Rooted Celery

Sow seed and treat in first stages of growth as directed for celery. Set in rows 2 feet apart and 6 inches apart in the row. As the roots only are used, no banking is necessary. When roots have reached a size of 2 inches in diameter they are ready for use. These are boiled, sliced and eaten with vinegar. To keep through winter, roots should be packed in moist sand or earth.

Large Smooth Prague—An improved sort, with nearly round roots, which have but few side roots. **Pkt., 5c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 75c; postage paid.**

Collards

A species of cabbage. Sow in the spring and transplant and cultivate in the same manner as cabbage. **Any 3 5c pkts. for 10c; postage paid.**

Georgia White Cabbage—Called Cabbage Collard on account of its close, bunching growth and light green leaves. Originated from Buncombe Cabbage. Forms firm heads. Superior to the Georgia Collard. **Pkt., 5c; 1 oz., 10c; ¼ lb., 30c; 1 lb., $1.00; postage paid.**

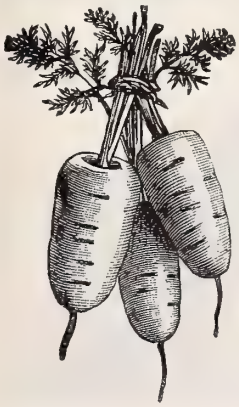
True Southern—The old standard sort. **Pkt., 5c; 1 oz., 10c; ¼ lb., 25c; 1 lb., 75c; postage paid.**

Landreth's Pink Heart Collard—Lower leaves green, veins bone-white, inside leaves ivory white, heart leaves pink and purple. Absolutely unique. Worthy of culture in the best garden by reason of its peculiar markings, and also by reason of its delicious quality, being the most tender of all Collards, almost equal to Cauliflower. **Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; postage paid.**

Celery, White Plume.

Mail Orders

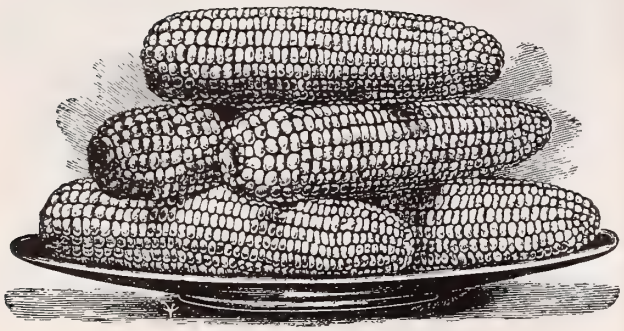
We have the best equipment possible for the handling of mail orders. This is the largest part of our business. Our employes are experienced and are employed here all the year round. Your orders are not handled by clerks employed only for the busy season. We fill all orders the first or second day by mail or express, except plants in freezing weather.



Carrot, Half Long Scarlet. Collard, Georgia White Cabbage.

Garden and Sweet Corn

FOR TABLE USE.



Corn. Schwill's Early Surprise.

One quart will plant 200 hills; 1 peck will plant an acre in hills. Plant as soon as the ground becomes warm in the spring, in hills about 3 feet apart, 5 or 6 grains to the hill, and when up thin them out. For a succession, plant every two weeks until midsummer.

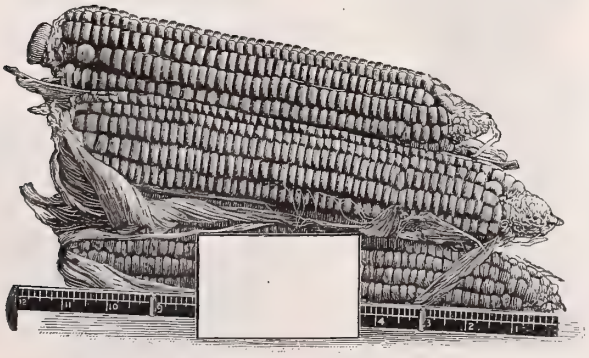
Golden Bantam—A new variety of great merit. It is yellow in color, but very sweet; ears are small, well filled out at ends. A very valuable variety for the home garden for first crop. **½ pt., 15c; 1 pt., 25c; 1 qt., 45c; postage paid. By express or freight, not prepaid, qt., 35c; 4 qts., 60c; pk., $1.00; bu., $3.00.**

Kendall's Early Giant—Ears large, having 10 to 12 rows, pure white, sweet, tender and very prolific; matures as early if not earlier than any of the second earliest. A very popular variety. **½ pt., 10c; 1 pt., 20c; 1 qt., 35c; postage paid. By express or freight, not prepaid, 1 qt., 25c; 4 qts., 60c; pk., $1.00; bu., $3.50.**

Early Dawn Sweet Corn—A very beautiful new sort of finest flavor. Produces in favorable seasons perfect ears 60 days after planting. Ears average 7 inches in length by 2½ inches in diameter, are filled with 12 to 14 rows of pearly, white, broad and deep kernels of delicious quality. **½ pt., 15c; 1 pt., 25c; 1 qt., 40c; postage paid. By express, 1 qt., 25c; 4 qts., 75c; pk., $1.25; bu., $4.50.**

Schwill's Early Surprise—Every trucker should plant well of this splendid corn. Just the sort for market gardeners, coming in right when the Adams Early Corn is gone, with large, handsome ears, which are always tender and of most excellent quality. **½ pt., 10c; 1 pt., 20c; 1 qt., 35c; postage paid. By express, 1 qt., 25c; 4 qts., 50c; pk., 75c; bu., $2.00.**

Schwill's Delicious—An early large sweet corn. Produces ears 12 inches long in 65 days. Kernels are pure white, very sweet and tender. **½ pt., 10c; 1 pt., 20c; 1 qt., 35c; postage paid. By express, 1 qt., 25c; 4 qts., 60c; pk., 90c; bu., $3.25.**



Sweet Corn, Kendall's Early Giant.

Standard Sweet Corns

Prices by mail, any following varieties: ½ pt., 10c; 1 pt., 20c; 1 qt., 35c; postage paid.

By express at purchaser's expense.

	Qt.	4 Qts.	Pk.	Bu.
Black Mexican Sugar	$ .30	$ .75	$1.25	$4.00
Mammoth White Cory	.25	.60	1.00	3.25
Peep o' Day	.30	.70	1.25	3.50
Premo	.30	.70	1.25	3.50
Queen of the Earliest	.30	.75	1.25	3.75
White Mexican	.30	.75	1.25	4.00
White Flint	.20	.50	.75	2.75
Yellow Canada	.20	.50	.75	2.75

Sweet Corn, Early Dawn.

Adams Extra Early—The very earliest variety, and brings good prices when first offered to the market. **By mail, ½ pt., 10c; 1 pt., 15c; 1 qt., 30c. By express, 1 qt., 20c; 4 qts., 50c; pk., 75c; bu., $2.25.**

Early or Large Adams—One of the most profitable varieties for early market. Ears good size, sweet and tender. **½ pt., 10c; 1 pt., 15c; 1 qt., 30c; postage paid. By express, 1 qt., 20c; 4 qts., 50c; pk., 75c; bu., $2.25.**

Schwill's Improved Large Adams—Larger than Adams Early and very nearly as early. Fine for market. **½ pt., 10c; 1 pt., 20c; 1 qt., 35c; postage paid. By express, 1 qt., 25c; 4 qts., 50c; pk., 75c; bu., $2.50.**

Trucker's Favorite Corn—Not a true sugar corn, but a hybrid or mixture between a sugar corn and the Adams Early, and cultivated on large areas and almost exclusively by market gardeners. A very profitable sort as a money maker. Plant in rows at 4 feet and thin to 2 feet. **½ pt., 10c; 1 pt., 15c; 1 qt., 30c; postage paid. By freight, 1 qt., 25c; 4 qts., 40c; pk., 70c; bu., $2.00.**

Stowell's Evergreen—Large ears, medium early; remains tender and sweet a long time. **½ pt., 10c; 1 pt., 20c; 1 qt., 35c; postage paid. By express, 1 qt., 25c; 4 qts., 50c; pk., 90c; bu., $2.75.**

Mammoth Sugar—The largest eared variety, sweet and delicious; matures late, but its immense ears are the finest of any variety. **½ pt., 10c; 1 pt., 20c; 1 qt., 35c; postage paid. By express, 1 qt., 25c; 4 qts., 50c; pk., 90c; bu., $3.00.**

Clark's None Such Sugar—This variety is one of the finest sweet corns in cultivation. Medium early, of extra strong growth, grains white, ears large. **½ pt., 10c; 1 pt., 20c; 1 qt., 35c; postage paid. By express, 1 qt., 25c; 4 qts., 50c; pk., 85c; bu., $3.00.**

Country Gentlemen—Deepest grain of any; small cob; a superb late variety. **½ pt., 15c; 1 pt., 25c; 1 qt., 40c; postage paid. By express, 1 qt., 30c; 4 qts., 75c; pk., $1.25; bu., $3.50.**

Cucumber, Davis Perfect.

Cucumber, Cumberland Pickle.

Cucumbers

One ounce will plant 50 hills; 1 to 2 pounds will plant 1 acre. Cucumbers succeed best in warm, rich, sandy loam, and should not be planted in open air until there is a prospect of settled warm weather. Plant in hills about 4 feet apart each way, and when all danger of insects is past, thin out the plants, leaving 3 or 4 of the strongest to each hill. **Price, 5c per pkt.; 3 pkts., 10c; any variety.**

Extra Early Long Green—One of the best general purpose cucumbers in cultivation, the young fruit being very symmetrical in shape, deep in color and very crisp. **1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., $1.00; postage paid.**

Improved Early White Spine—Deservedly the most popular type. Fruit uniformly large, straight and attractive; dark green, lighter at blossom end with a few white spines; flesh tender and of fine flavor. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 70c; postage paid.**

Davis' Perfect—New; fruit long, slim, symmetrical; rich dark green; holds color until nearly ripe. Very attractive and of finest quality. One of the best for shipping. Vine especially vigorous and large. **1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., 85c; postage paid.**

Short Green—Extra selected. A very superior stock, which has been carefully selected for pickling, and we believe is today the most perfect strain in existence. **1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.00; postage paid.**

Early Fortune Cucumber—An extra early cucumber of the white spine type. A beautiful green, straight variety, especially recommended for early market. Our customers who raise this cucumber are highly pleased with it. **1 oz., 10c; 2 oz., 20c; ¼ lb., 30c; 1 lb., $1.00; postage paid.**

Cumberland Pickle—The best pickling cucumber in cultivation. For productiveness it is unequaled, and the quality of the fruit is the very best. **1 oz., 10c; 2 oz., 20c; ¼ lb., 30c; 1 lb., 90c; postage paid.**

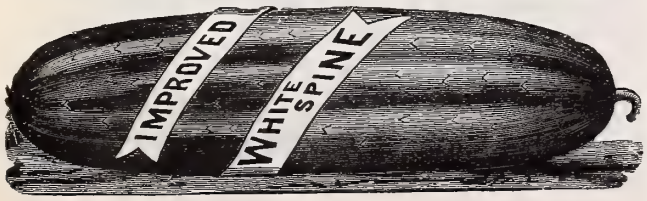
Improved Long Green—A fine bearer of superior quality. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 80c; postage paid.**

Price List Standard Cucumbers

Postage Paid.

	1 oz.	2 oz.	¼ lb.	1 lb.
Arlington White Spine	$ .10	$ .15	$ .25	$ .75
Early Green Cluster	.10	.15	.25	.75
Early Frame	.10	.15	.20	.70
Extra Long White Spine	.10	.15	.25	.75
Hill's Forcing White Spine	.10	.15	.25	.85
Japanese Climbing	.15	.25	.40	1.10
Long Green Turkey	.10	.15	.25	.80
Nichol's Medium Green	.10	.15	.20	.70
Gherkin or Burr	.15	.25	.40	1.25
Early Cyclone	.10	.15	.25	.80
Klondyke	.10	.15	.25	.80

Any variety, 5c pkt.; 3 pkts. for 10c.



Egg Plant, Black Beauty.

Egg Plant

Sow in February or March. When 2 inches high transplant to pots or good rich soil, and in May to 3-foot rows in deep, rich loam. One ounce of seed will produce 1,000 plants. **Any variety, pkt., 5c; 3 pkts. for 10c.**

New York Improved Spineless—The old standard variety. **½ oz., 15c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 90c; postage paid.**

Black Beauty—This is the earliest and best of all large fruited Egg Plants. The large fruits are thick and of most attractive form. The skin is a rich, lustrous, purplish black, and it is entirely free from spines or thorn. **½ oz., 20c; 1 oz., 35c; 2 oz., 60c; ¼ lb., $1.00; postage paid.**

Florida High Bush—Stands heat well; the fruit is round, smooth and very large; color bright purple. **½ oz., 20c; 1 oz., 35c; 2 oz., 60c; ¼ lb., $1.00; postage paid.**

Egg Plants—Plants ready May and June. **Doz., 35c; 100, $1.00.**

Dandelion

A healthy spring salad. Sow in drills in April; thin out to 6 inches apart; cultivate all summer; next spring it will be fit to use.

Broad Leaved—Pkt., 5c; ½ oz., 25c; 1 oz., 40c; ¼ lb., $1.00; 1 lb., $3.00; postage paid.

Endive

One ounce will produce 2,000 plants. Sow early and thin. Soon as large enough thin to 9 inches apart.

Large Green Curled—Very ornamental, its leaves being beautifully colored and delicately cut. **Pkt., 5c; 1 oz., 20c; 2 oz., 35c; ¼ lb., 50c; 1 lb., $1.75; postage paid.**

White Curled—A most beautiful variety; leaves almost white. **Pkt., 5c; 1 oz., 20c; 2 oz., 35c; ¼ lb., 50c; 1 lb., $1.75; postage paid.**

Garlic

The sets should be planted in well enriched soil early in spring, the rows 1 foot apart, and about 3 inches between the plants in the row. Harvest same as onions. **Sets, ¼ lb., 20c; 1 lb., 50c.**

HEADQUARTERS FOR BEE SUPPLIES.

We handle a full line of the Lewis Bee Ware, sections, supers, frames, hives, etc.; in fact, can supply everything that a beekeeper needs. Send for circular and price list.

Kale or Borecole

Sow from 2 to 3 pounds to the acre. Make excellent greens for spring and winter use. Sow in September in drills or broadcast.

Odense Market—A half tall variety with elegantly curled leaves, of Danish origin, and is said to be a decided improvement on our American Curled Kale. It produces a large quantity of delicate heavy leaves and pass severe winters uninjured. **Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., 90c; postage paid.**

Dwarf German Curled—Very hardy, leaves curled. **Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 60c; postage paid.**

Dwarf Green Curled Scotch—Plant low and compact, but with large, bright, deep green leaves, curled, cut and crimped until the whole plant resembles a bunch of moss. **Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c; postage paid.**

Emerald Isle Long Standing Kale—A beautifully curled and crimpled sort, of strong, vigorous habit, perfectly hardy, attractive appearance and a bright green color. **Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c; postage paid.**

Thousand-Headed Kale—Sow early in April or any time thereafter until midsummer. It is greatly relished by hogs, cattle and sheep. Sow 3 lbs. to the acre. **1 oz., 10c; ¼ lb., 20c; 1 lb., 60c; postage paid. By express, 5 lbs., $2.50; 10 lbs., $4.50.**

Kale, Dwarf German Curled.

Kohl-Rabi

One ounce will produce 2,000 plants.

White Vienna—This is the best and earliest variety for table use. **Pkt., 5c; 1 oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., $2.00; postage paid.**

Horseradish Sets

Roots will produce good radish fit for use in one season's growth. Plant the set small end down, so that the top will be 2 inches under the soil.

Large White—The standard market variety. **Doz., 25c; postage paid. By express, doz., 20c; 100 for 75c.**

New Bohemian Horse Radish—A much earlier and better producer than the common sort. The roots grow larger and whiter, and the quality is superior. **Doz., 35c; postage paid. By express, doz., 25c; 50 for 60c, 100 for $1.00.**

Herb Seeds

In making up your assortment of seeds for the year, don't neglect to order a few varieties of herbs. Sow seeds in shallow drill a foot apart, and when up thin out and transplant to a few inches apart.

	Packet, Postage Paid.
Basil Sweet—For flavoring soups	$ .05
Chicory—Makes a delicious salad	.05
Coriander—Seeds aromatic	.05
Dill, Mammoth—Used for flavoring pickle	.05
Lavender—For oil and distilled water	.05
Marjoram, Sweet—Used in seasoning meats	.05
Rosemary—Aromatic leaves are used for seasoning	.05
Savory, Summer—Used as a culinary herb	.05
Sage, Broad Leaved—A popular flavoring plant	.05
Thyme—Much used for seasoning	.05

Kohl Rabi, White Vienna.

Gourds, Etc.

Apple Shape—Pkt., 5c.
Balsam Apple—Pkt., 5c.
Dipper Gourd—Pkt., 5c.
Dish Rag or Luffa—Pkt., 5c.
Pomegranate—Pkt., 5c.
Nest Egg Gourd—Pkt., 5c.
Orange Gourd—Pkt., 5c.
Ornamental Gourds—Pkt., 5c.
Garden Lemon—Pkt., 5c.
Sugar Trough—Pkt., 5c.
Calabash Pipe Gourd—Pkt., 10c.

Leek

London Flag—Broad leaves, of strong and vigorous growth. **Pkt., 4c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.25; postage paid.**

Martynia, for Pickles—The young and tender seed pods make a very fancy pickle. These pods are of curious shapes and bear abundantly. They should be gathered when less than half grown. **Pkt., 10c; ½ oz., 20c; 1 oz., 35c.**

Mushroom Spawn

Mushrooms can be grown in cellars, in sheds, in hotbeds, or sometimes in open air. Fermenting horse manure at a temperature of about 70 degrees, mixed with equal weight of fresh sod loam, is made into beds the size required, 8 inches deep. See to it that the bed is packed very solidly and evenly. In this bed plant the broken pieces of spawn, 6 inches apart, covering the whole with 2 inches of light soil, and protect from cold and rain. The mushrooms will appear in about 6 weeks. Water sparingly with lukewarm water. Full cultural directions free with order if requested.

Best English—Fresh. **Prices, by mail, postpaid: In bricks of about 1¼ lbs., each, 40c; not prepaid, 25c per brick; 5 bricks, $1.00.**

Pure Culture Spawn—**One brick, 45c; 3 bricks (4 lbs.), $1.25; postage paid. Not prepaid, 1 brick, 25c; 5 bricks, $1.00. Special prices on larger quantities.**

Gardener-

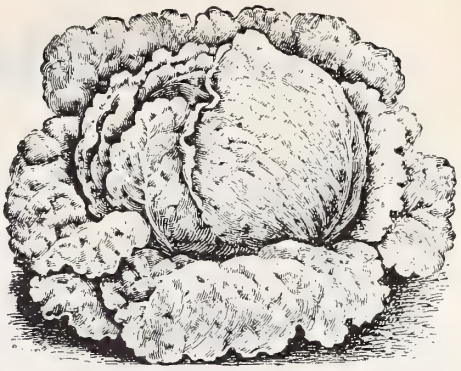
Do you want something early in corn—something that will come in ahead of anything else in the way of a roasting ear? Then try the NEW EARLY SURPRISE this season.

Mushrooms.

Lettuce

Lettuce, California All Heart.

Lettuce, Early White Cabbage Head.



Lettuce, Giant Crystal Head.

One ounce will produce 3,000 plants. For early use sow under glass in January or early February, and transplant as soon as the ground can be nicely worked. Sowing may be made in the open ground from April to middle of August, every 2 or 3 weeks for succession. **Per pkt., any variety, 5c; 3 pkts., 10c.**

Big Boston—Most desirable either for forcing in cold frames or open ground planting. Popular with market gardeners and truckers because it always produces large, solid, salable heads, which are crisp and tender. **1 oz., 20c; 2 oz., 35c; ¼ lb., 50c; 1 lb., $1.25; postage paid.**

All Season—One of the best, all head lettuces, standing the hot sun better than any other sort. Slow to seed. Handsome; enormous size; color, light green. **1 oz., 20c; 2 oz., 35c; ¼ lb., 50c; 1 lb., $1.25; postage paid.**

Lapp's Best—The large, white heads resemble cabbage in their solidity, and frequently weigh two and three pounds each. The quality is superb, being crisp, rich and tender. It withstands the heat well. **1 oz., 20c; 2 oz., 35c; ¼ lb., 50c; 1 lb., $1.25; postage paid.**

California All Heart—The earliest and one of the largest of the heading varieties. The head blanches to a fine rich, buttery yellow tint, and stands longer than any other early variety before going to seed. **1 oz., 30c; 2 oz., 50c; ¼ lb., 75c; 1 lb., $1.50; postage paid.**

Giant Crystal Head—Solid heading and slow to shoot to seed. The plants are very compact and can be set close together. Interior of heads are remarkably well blanched and the quality is exceedingly buttery, tender and sweet. The leaves are so brittle as to suggest the name Crystal Head. **1 oz., 25c; 2 oz., 40c; ¼ lb., 60c; 1 lb., $1.50; postage paid.**

Passion—Immense heads, 3 to 4 pounds, compact, solid, almost like a cabbage. Inner leaves blanched to a pure golden yellow, crisp, tender and finest quality. **1 oz., 20c; 2 oz., 30c; ¼ lb., 50c; 1 lb., $1.40; postage paid.**

California Cream Butter—A splendid variety for summer. Produces a very large and white head, and it will stand extreme heat. **1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., $1.00; postage paid.**

Schwill's Largest of All—This variety is indeed worthy of its name, and we believe it is the finest we can offer our market gardeners and friends for early Spring or Fall planting. The leaves are smooth and of a beautiful light green color, which makes it a ready seller. It is the largest hard-heading variety we know of, and we cannot recommend it too highly. Will give the best results in the Spring when sown in the sash and planted out. **1 oz., 25c; 2 oz., 40c; ¼ lb., 75c; 1 lb., $2.50; postage paid.**

Black Seeded Simpson—Produces a compact mass of leaves, light color, nearly double size of ordinary Simpson. **1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.00; postage paid.**

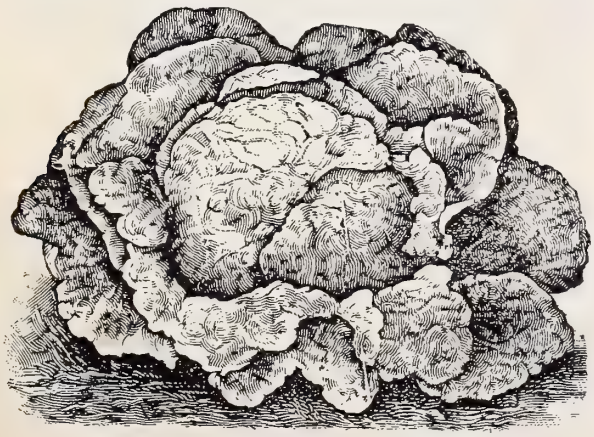
Deacon Head—One of the best, all head lettuces, standing the hot sun better than any other sort. Slow to seed. Handsome, enormous size; color, light green. **1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.00; postage paid.**

White Cos—Forms long, upright heads of narrow leaves, which are crisp and refreshing, withstanding the summer heat. **1 oz., 25c; 2 oz., 35c; ¼ lb., 50c; 1 lb., $1.25; postage paid.**

Standard Varieties Lettuce

Postage paid.

	1 oz.	2 oz.	¼ lb.	1 lb.
Boston Market	$ .15	$ .25	$ .40	$ .90
Early White Cabbage Head	.15	.25	.40	1.00
Grand Rapids	.20	.30	.50	1.25
Golden Queen	.20	.30	.50	1.25
Hanson Head	.15	.25	.40	.90
Hubbard Market	.15	.25	.40	1.00
Immensity	.15	.25	.40	1.00
May King	.15	.25	.40	1.00
Mignonette	.20	.35	.50	1.25
Mammoth Black Seed Butter	.15	.25	.40	1.00
Prize Head	.15	.25	.40	.90
Perpetual	.15	.25	.40	1.00
Wonderful	.20	.35	.50	1.00
White Summer Cabbage Head	.15	.25	.40	.90



Lettuce, Schwill's Largest of All.

Lettuce, Big Boston.

Cantaloupe or Muskmelon

One ounce will plant about 50 hills, 2 pounds to the acre. The soil best adapted to the culture of Melons is a warm, rich, sandy loam. Plant in hills 5 or 6 feet apart each way, 10 or 12 seeds in a hill. When they begin to vine, thin out, leaving only 4 of the most thrifty. As melons are very sensitive to cold, they should not be planted till the settled warm weather begins—in this latitude, about the middle of April. **Price, 5c per pkt., any variety, or 3 pkts. for 10c.**

Cantaloupe, Mammoth Rocky Ford.

Mammoth Rocky Ford Cantaloupe—This is without doubt the finest strain of Rocky Ford on the market. Every melon is subjected to a rigid examination before being selected for seed, and they must conform to a standard set down by what the originator claims is the embodiment of an ideal melon. **1 oz., 25c; 2 oz., 40c; ¼ lb., 70c; 1 lb., $2.50; postage paid.**

Rocky Ford—This melon has become one of the most popular. Just right size for restaurants and hotel service. Flesh green, thick, lusciously sweet. It is netted and ribbed and ripens early. The vines are exceedingly healthy and vigorous, bearing an enormous quantity of fruits during the entire season. **1 oz., 10c; 2 oz., 20c; ¼ lb., 30c; 1 lb., 75c; postage paid.**

Miller's Cream—Medium size, round shape, salmon colored, very thick flesh, with smooth, grayish skin. **1 oz., 10c; 2 oz., 20c; ¼ lb., 30c; 1 lb., 85c; postage paid.**

Osage Gem Cantaloupe—One of the most popular varieties, both for market and home garden. Fruits are of good size, the skin is dark green, banded with lighter streaks. The flesh is of orange color, thick, firm and exceptionally fine quality. **1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.00; postage paid.**

Baltimore or Acme—Early; oblong, pointed; light green flesh. A fine shipper. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 65c; postage paid.**

The Grand—A high grade early variety of superior quality. The deep flesh is scarlet colored and of excellent flavor. **1 oz., 20c; 2 oz., 30c; ¼ lb., 50c; 1 lb., $1.50; postage paid.**

Landreth's Green Citron—Fruit round, good size and deeply netted; flesh green, thick and delicious. **1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., $1.10; postage paid.**

Hoodoo—It is similar in shape to the Rocky Ford, but slightly flattened from stem to blossom end. The ribs are thickly covered with netting; the skin is tough; flesh salmon color and of delicious flavor. **1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.00; postage paid.**

Improved Large Baltimore—This is one of the best of large Cantaloupes for main crop. The flesh is thick, of a beautiful deep rich green color, and of excellent flavor. It is well ribbed and thickly netted; a splendid cantaloupe, whether for home use, market or shipping. **1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.25; postage paid.**

Banana—Long, smooth, yellow skinned; salmon flesh. **1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.25; postage paid.**

Anne Arundel Cantaloupe.

Anne Arundel—Large, oblong, ribbed and netted; matures its handsome fruit early. Flesh very thick, light green, and flavored sweet and luscious. **1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.25; postage paid.**

Your address should be written plainly, and you should give Town, County and State; also state whether you wish articles shipped by express or freight, giving companies preferred.

Cantaloupe, Burrell Gem.

Burrell's Gem—This cantaloupe is similar in appearance to the Rocky Ford Netted Gem, except it has a pinkish flesh instead of green; has a tough thin rind, well netted, is very solid, a splendid market variety. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c; postage paid.**

Netted Rock—Has beautiful, close, strong netting; a most vigorous grower, very hardy, withstands drouth, blight and bugs remarkably well. Fruit solid; small seed cavity, seldom bursts; green fleshed. Slightly larger than the ordinary strain of Rocky Ford, just the thing for market gardeners. **1 oz., 15c; 2 oz., 25c; ¼ lb., 50c; 1 lb., $1.50; postage paid.**

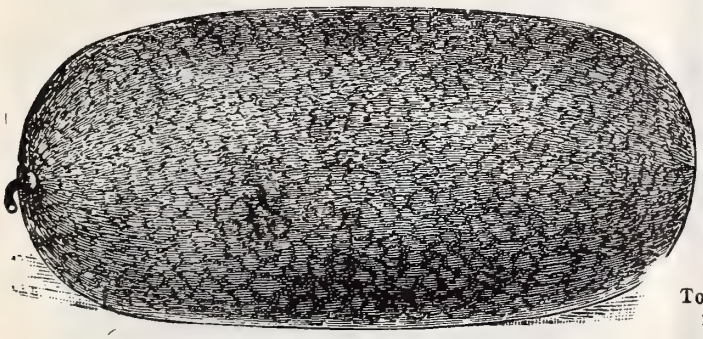
Standard Varieties Cantaloupes

Any Variety 5c per pkt., 3 pkts. for 10c; postage paid.

	1 oz.	2 oz.	¼ lb.	1 lb.
Burpee's Netted Gem	$ .10	$ .15	$ .25	$ .65
Early Netted Gem	.10	.15	.25	.60
Ex. Early Hackensack	.10	.15	.25	.65
Emerald Gem	.15	.25	.40	1.00
Large Hackensack	.10	.15	.25	.75
Montreal Market	.15	.25	.40	1.25
Paul Rose	.15	.25	.40	1.25
Prolific Netted Nutmeg	.10	.15	.25	.70
St. Louis Market	.15	.25	.40	1.00
Tip Top Nutmeg	.10	.20	.40	1.00

Watermelons

One ounce to forty hills; three or four pounds to the acre. Drop in the middle of spring, in hills six to eight feet apart, six to ten seeds, one inch deep, and thin to three best plants. Generally about the middle of April is the proper time to plant melons in this section. **Price, any variety, 5c per pkt; 3 pkts. for 10c; postage paid.**

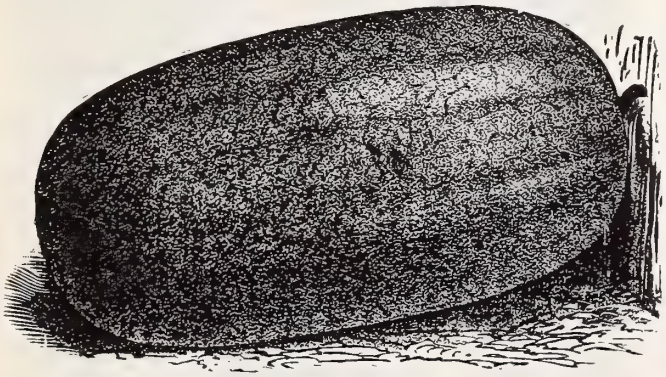


Watermelon, Temple Gray.

Temple Gray Watermelon

Temple Gray Watermelon—One of the best melons, either for market or home use. Attains a larger size than any of the long, dark green melons, frequently growing fifty pounds in weight. Will stand shipping fairly well, is of extra fine appearance and unsurpassed quality. Flesh tender, firm and very sweet and luscious. **1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.25; postage paid.**

Monte Cristo—Unequaled for the home patch or for nearby markets. Vine very productive; of the most luscious, medium-sized oval melons, with a dark green rind; flesh is bright red, sweet and tender. We do not recommend this variety for shipping, as the rind is so tender it is liable to crack. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 85c; postage paid.**



Watermelon, Angel Kiss.

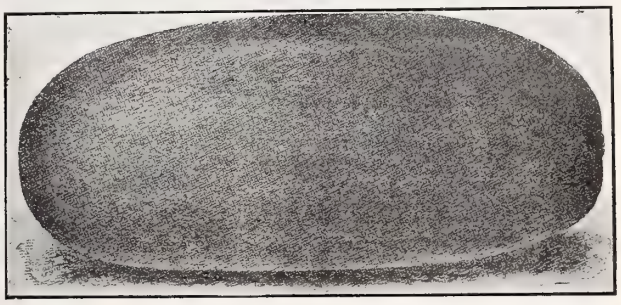
Angel Kiss Watermelon

One of the earliest and best tasting melons in existence. With flesh of the deepest indescribable crimson, delightfully sweet and refreshing. It grows from medium to very large, very long in shape and nearly white in color; handsome and attractive. **1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.00; postage paid.**

Halbert Honey—A large, attractive, oblong shape; rind dark green, flesh crimson; very sweet and tender. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 70c; postage paid.**

Duke Jones—Dark green with irregular lighter colored stripes; quite prolific, of good quality, dark red flesh. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 70c; postage paid.**

Sugar Stick—Long, oval shape, dark green rind; seeds white and lie close to the rind, and the flesh is deep red and the sweetest thing you ever tasted, and flavor simply delicious. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 85c; postage paid.**



Watermelon, Tom Watson.

Tom Watson—An early, long green melon; thin, but tough rind, which makes it a good market or shipping variety. Flesh is of bright red, firm and very sweet; has taken the lead over all other shipping melons and sells for the highest prices in the Northern markets. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c; postage paid.**

Oh, My! Watermelon

One of the very sweetest of all the melons. Grows to a medium size; always of good shape; has mottled rind; flesh red; seeds white; is very tender fleshed; a most excellent sort for home or market. **1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.00; postage paid.**

Schwill's Blue Ribbon Collection

40 Packets of Seed for $1.00.

Beet, Eclipse	Mustard, Chinese Mam.
Beet, Early Blood Turnip	Onion, Red Wethersfield
Cantaloupe, Rocky Ford	Okra, White Velvet
Carrot, Long Orange	Pepper, Long Red
Corn, Early Surprise	Pepper, Bell
Cucumber, White Spine	Parsnip, Sugar H. C.
Cucumber, Long Green	Parsley, Curled
Cabbage, Large Wakefield	Radish, Scarlet Turnip
Cabbage, Early Flat Dutch	Radish, Long Scarlet
Cabbage, Early Summer	Radish, Long White Vienna
Cabbage, Late Flat Dutch	Radish, Chartier
Collard, Southern	Spinach, Savoy
Egg Plant, N. Y.	Squash, White Bush
Lettuce, Deacon	Squash, Yellow Crookneck
Lettuce, Cabbage Head	Turnip, Purple Top Flat
Lettuce, Hanson	Turnip, Large White Globe
Mangel Wurzel for Stock	Turnip, White Flat Dutch
Melon, Gray Monarch	Tomato, Acme Early
Melon, Rattlesnake	Tomato, Beauty
Mustard, Southern Curled	Tomato, Trophy

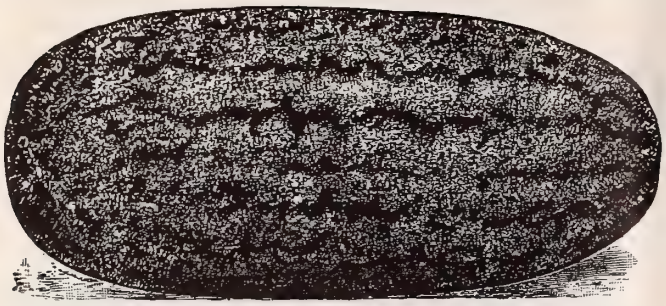
Forty packets of best and popular varieties for only $1.00, postage paid. Where can you do as well?

No changes can be made in this collection.

Poultry Supplies

If you are interested in Incubators and Brooders, or any other poultry supplies, write for our poultry supply catalogue.

We have not space in this catalogue to describe everything.



Watermelon, Jackson.

Jackson Watermelon—If asked to name the sweetest melon for home use, we would name the Jackson. Other kinds may be larger, but none can compare with it in flavor. It is a long melon, with mottled green skin, firm red meat and ripens close to the rind. **1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., 90c; postage paid.**

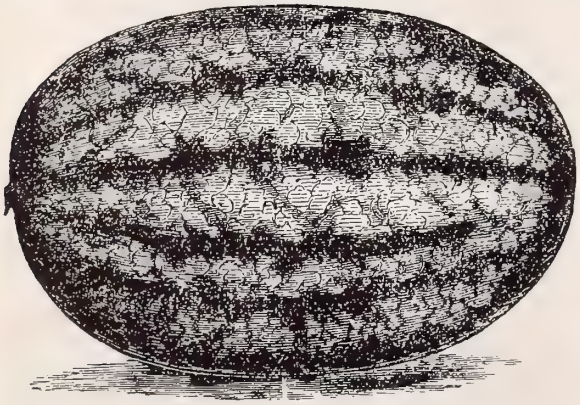
Alabama Sweet—One of the very longest melons, popular in the South. Rind dark green, slightly striped; extensively grown for shipping to markets favoring long melons. Flesh bright red, tender and crisp. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 70c; postage paid.**

Tinker Watermelon—A melon strictly for home use and nearby markets. Sweetest of all melons, having a distinct honey-like taste. We first discovered this melon near St. Augustine, Florida, and introduced it under the name of Tinker. **1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.00; postage paid.**

The Bradford—A fine flavored, large shipping melon, oblong in shape, with rather square ends. The skin is very dark green with darker stripes. The flesh is very tender and solid. Dark red in color and of excellent flavor. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c; postage paid.**

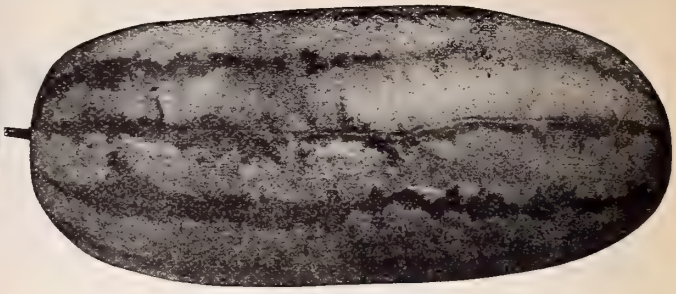
Florida Favorite—Of large size, with mottled light and dark green rind; oblong in shape; has a thin but very firm rind; is an excellent shipper. Flesh bright red, juicy and very tender. This melon is very popular with many of the large melon growers. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 65c; postage paid.**

Black Diamond—Immense in size. The common weight of this melon is sixty to eighty pounds. The rind is hard and firm, which makes it a superior variety for long distance shipping. In shape it is nearly round; color solid dark green; flesh deep red and of fine quality. **1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 60c; postage paid.**



Pearson Watermelon.

Pearson—Very large and heavy and a splendid shipper; flesh is blood red and exceedingly sweet. **1 oz., 15c; 2 oz., 25c; ¼ lb., 30c; 1 lb., $1.00; postage paid.**



Watermelon, Branch's Superb Rattlesnake.

Branch's Superb Georgia Rattlesnake—One of the finest strains of melon ever introduced. It is quite superior to the old original Rattlesnake Melon. Rind green, with darker green stripe. Georgia grown seed. **1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., $1.00; postage paid.**

Watermelon, Kleckley Sweets.

Kleckley Sweets—This melon is dark green, the flesh is scarlet, ripening close to the skin, the rind being only about one-half inch in thickness. Seeds white, lying close to the rind, leaving a large, solid heart, which does not crack open when ripe. The scarlet flesh is sweet and sugary, and of such texture that it leaves no string of pulp whatever in eating. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c; postage paid.**

Harris' Earliest—A new extra early variety. It is the melon to plant for profit. Very good size for extra early variety, weighing from fifteen to twenty pounds; flesh bright red, juicy and sweet. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 65c; postage paid.**

Price List Standard Watermelons

Any Variety 5c per pkt., 3 pkts. 10c; postage paid.

	1 oz.	2 oz.	¼ lb.	1 lb.
Arkansas Traveler	$ .15	$ .25	$ .40	$1.25
Augusta Striped	.15	.25	.35	.75
Cuban Queen	.10	.15	.20	.55
Cole's Early	.10	.15	.20	.55
Dixie	.10	.15	.20	.50
Jordon's Gray Monarch	.10	.15	.25	.55
Georgia Rattlesnake	.10	.15	.20	.50
Girardeau's New Favorite	.10	.15	.25	.60
Kolb Gem	.10	.15	.20	.50
Landreth's Bonfire	.20	.35	.60	1.50
Mammoth Iron Clad	.10	.15	.20	.55
Mountain Sweet	.10	.15	.20	.50
McIver's Wonderful Sugar	.10	.15	.20	.50
Red Seeded Citron	.10	.15	.25	.85
Peerless or Ice Cream	.10	.15	.20	.50
Phinney's Early	.10	.15	.20	.50
Seminole	.10	.15	.20	.50
Sweetheart	.10	.15	.20	.50

REMEMBER

That we prepay charges on all seeds in this catalogue by the packet, ounce, two ounce, one-quarter pound, pound, one-half pint, pint and quart. If you wish to pay carrying charges then deduct 10 cents per pound or 15 cents per quart from these prices.

PRICES ON FRUIT TREES.

Our terms are strictly cash. We do not send out Trees or Plants C. O. D. under any conditions. At prices given all Trees and Plants must go by express, at purchaser's expense. We do not mail any Nursery Stock.

Mustard

One ounce will sow about 80 feet of drill. For early salad sow in February, and for general crop at intervals through the spring, in rows 6 inches apart, and rather thick in rows. **Pkt., 5c; 3 pkts., 10c; any variety.**

Elephant Ear Mustard—A single plant fills a bushel basket; leaves tender at all times. Try some of this new mustard green. **Pkts., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., 85c; postage paid.**

Chinese Mammoth or Smooth Leaf Mustard—This is a valuable addition to our list; has broad, smooth leaves that are very crisp and tender. **Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 50c; postage paid.**

Southern Giant Curled—Very popular in all sections of the South. **Pkt., 3c; 1 oz., 5c; 2 oz., 10c; ¼ lb., 15c; 1 lb., 45c; postage paid.**

White or Yellow London—**1 oz., 5c; ¼ lb., 15c; 1 lb., 40c; postage paid.**

Brown or Black—**1 oz., 5c; ¼ lb., 15c; 1 lb., 40c; postage paid.**

Okra

One ounce will plant 100 hills. In mild climate plant late in spring, after the ground has become warm, in hills about 2½ feet apart, and thin to 3 plants in a hill. **Pkt., 5c; 3 pkts., 10c; 1 oz., 10c; ¼ lb., 20c; 1 lb., 50c; postage paid, any variety.**

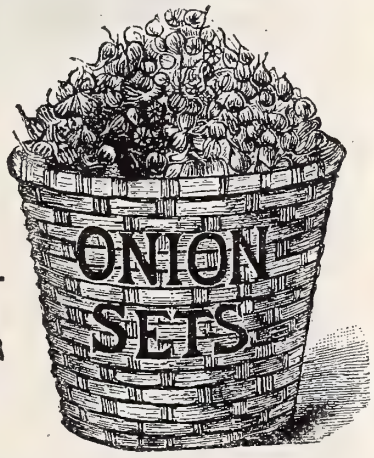
French Market—Very early, prolific; pods round and tender.

White Velvet Pod—A beautiful, prolific smooth, round pod Okra; tender and well flavored.

Tall or Long Green—Pods long, slender, dark green; tender.

Early Dwarf Green—Early; pods short and very numerous; prolific.

Okra, White Velvet.



Onion, Large Red Globe.

Onion

Culture—One ounce will sow 100 feet of drill; 6 pounds will plant one acre. A deep, rich soil, thoroughly worked, is best for this crop. Sow thinly in shallow drills about 12 inches apart; when the plants are about 3 inches high, thin to 3 or 4 inches, according to variety. **Price, 5c per pkt., any variety; 3 pkts. for 10c; postage paid.**

Australian Brown—A light brown color and very mild flavor. **1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.25; postage paid.**

Prize Taker—Of immense and uniform size; nearly perfect globe in shape and a bright straw color; flesh sparkling white and of a delicate mild flavor; ripens hard and fine, presenting a handsome appearance. **1 oz., 15c; 2 oz., 25c; ¼ lb., 50c; 1 lb., $1.50; postage paid.**

Large Red Globe—The largest and handsomest Onion; an extra deep red color, heavy cropper, tender, mild flavor. **1 oz., 20c; 2 oz., 35c; ¼ lb., 50c; 1 lb., $1.60; postage paid.**

Crystal White Wax—This is a beautiful white Onion, largely grown in Southwest Texas. Immense quantities are shipped from Texas to Northern markets every summer. **1 oz., 35c; 2 oz., 50c; ¼ lb., 90c; 1 lb., $3.50; postage paid.**

Mammoth Silver King—Is a flat shape and of a mild, delicious flavor. **1 oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., $2.00; postage paid.**

White Silver Skin—A mild flavored variety; good keeper. **1 oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., $1.90; postage paid.**

Large Red Wethersfield—Uniform shape, of flattened form; skin is deep purplish red; a splendid keeper; very popular. **1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.10; postage paid.**

Yellow Globe Danvers—A well-known standard variety of uniform shape and excellent quality; bright yellow color; good keeper. **1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.00; postage paid.**

True Red Bermuda—A very early, flat variety, used largely in the South for planting in the fall and marketing in the spring. The color is a pale red. **1 oz., 25c; 2 oz., 45c; ¼ lb., 85c; 1 lb., $3.00; postage paid.**

Southport White Globe—Handsome globular onion, of mild flavor; good keeper. **1 oz., 20c; 2 oz., 35c; ¼ lb., 70c; 1 lb., $2.00; postage paid.**

Extra Early White Pearl—Bulb flat, skin and flesh pure white. **1 oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., $1.75; postage paid.**

Onion Sets

Culture—Plant 4 inches apart, in rows about half an inch deep and 1 foot between the rows, but do not cover the sets entirely, except the Potato Onion, which should be planted in rows 2 feet apart and 9 inches apart in the row, and covered about one inch.

ONION SETS.

	By mail postpaid	By express or freight at purchaser's expense		
	Qt.	½ Pk.	Pk.	Bu.
Yellow Danvers	$ .20	$ .35	$ .60	$1.60
Dark Red Wethersfield	.20	.40	.70	1.75
White Silver Skin	.20	.50	.75	2.00
Yellow Potato Onion	.35	.75	1.25	4.50
White Multiplying Onions	.50	.75	1.25	4.50
Yellow Multiplying Shallots	.40	.75	1.25	4.50

Notice—Prices by the bushel are subject to fluctuation of the market, but the prices quoted on quarts, postpaid, will hold good throughout the season, or as long as our stock lasts. All Onion Sets are sold 32 pounds to the bushel.

Kindly send us the names and addresses of a few persons who buy seeds and trees. We wish to send them our catalogue, and we will remember the favor in filling your order.

Mustard, Southern Giant Curled.

Parsley

One ounce will sow 150 feet of drill. Sow early in the spring in drills a foot apart. The seed germinate very slowly, and sometimes 2 or 3 weeks will elapse before the plants will make their appearance. It often fails entirely in dry weather. **Pkt., 5c; 3 pkts., 10c; any variety.**

Champion Moss Curled—A choice, selected strain, with beautifully crimped and curled leaves. **1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.25; postage paid.**

Double or Curled—Leaves crimped or curled; used principally as a garnish for the table. **1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., $1.00; postage paid.**

Plain or Single—Stronger in flavor than the double varieties. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c; postage paid.**

Parsnip

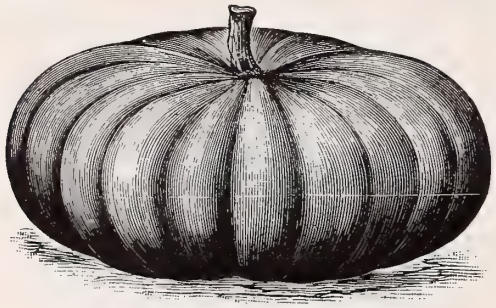
One ounce will sow 200 feet of drill; 5 pounds required for one acre. They do best on a deep, rich, sandy soil, but will make good roots on any soil which is deep, mellow and moderately rich. As the seed is sometimes slow to germinate, it should be sown as early as possible in drills 2 feet to 2½ feet apart; cover ½ inch deep and press the soil firmly over the seed. Give frequent cultivation and thin the plants to 5 or 6 to the foot.

Sugar, or Hollow Crown—Roots very long, white, smooth, tender. **Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., 85c; postage paid.**

Long Smooth—Roots very long, sugary and of most excellent flavor; very hardy. **Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., 80c; postage paid.**

Pumpkin

Culture—One pound will plant 40 hills; 5 pounds will plant an acre. Plant in hills 8 or 10 feet apart each way, allowing 4 seeds to a hill. In other respects they are cultivated as melons and cucumbers. **Price, any variety, 5c per pkt.; 3 pkts., 10c.**



Pumpkin, Large Golden Cheese.

Large Golden Cheese—A fine, large, flattened pumpkin of splendid quality. Excellent for cooking. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 60c; postage paid.**

Kentucky Field—Splendid for stock feeding. Grows to a large size; round and of yellow color. **1 oz., 5c; 2 oz., 10c; ¼ lb., 15c; 1 lb., 45c; postage paid.**

Pumpkin, Tennessee Sweet Potato.

Tennessee Sweet Potato—Hardy, productive, sweet and delicious, and one of the best for cooking purposes ever introduced. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 65c; postage paid.**

Golden Cushaw—Most popular. Flesh light cream color, solid and sweet. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 70c; postage paid.**

Price List Standard Pumpkin

Postage Paid.

	Pkt.	1 oz.	2 oz.	¼ lb.	1 lb.
Japanese Pie Pumpkin	$ .05	$ .10	$ .15	$ .25	$ .65
Striped Cushaw	.05	.10	.15	.25	.65
Tenn. Sweet Potato	.05	.10	.15	.25	.60
Connecticut Yellow Field	.05	.10	.15	.20	.50
Golden Oblong	.05	.10	.15	.20	.60
King of the Mammoth	.05	.15	.25	.40	1.25

Pepper

One ounce will produce 1,000 plants. Sow early in spring in hotbed and transplant to the open ground as soon as the weather is warm and settled. The seed may also be sown in the open ground, but not until all danger of frost is past.

Pepper, New Gloria.

New Gloria Sweet—One of the largest and earliest of all. The peppers, which are produced in great abundance, are bright red, sweet and mild. **Pkt., 5c; ½ oz., 20c; 1 oz., 35c; 2 oz., 60c; ¼ lb., $1.00; 1 lb., $3.50; postage paid.**

Crimson Giant—The fruit, when ripe, is bright ruby red. The flavor is so mild and pleasant that it can be sliced and eaten with pepper and vinegar, like cucumbers or tomatoes. **Pkt., 5c; ½ oz., 20c; 1 oz., 40c; 2 oz., 70c; ¼ lb., $1.00; 1 lb., $3.50; postage paid.**

Neapolitan Sweet—Similar to the Bull Nose, but larger, sweeter and of a milder flavor; extensively used for mangoes. **Pkt., 5c; ½ oz., 20c; 1 oz., 35c; 2 oz., 50; ¼ lb., 80c; 1 lb., $3.00; postage paid.**

Chinese Giant—One of the largest and earliest; flesh sweet, mild and pleasant. **Pkt., 5c; ½ oz., 20c; 1 oz., 35c; 2 oz., 60c; ¼ lb., $1.00; 1 lb., $3.50; postage paid.**

Standard Peppers

Postage Paid.

	Pkt.	½ oz.	1 oz.	2 oz.	¼ lb.	1 lb.
Bell or Bull Nose	$ .05	$ .10	$ .20	$ .30	$ .50	$1.75
Bird's-Eye or Creole	.05	.20	.35	.50	.75	2.50
Procopp's Giant	.05	.20	.35	.50	.75	2.50
Ruby King	.05	.10	.20	.30	.50	1.75
Red Chili	.05	.15	.25	.40	.70	2.00
Tobasco	.10	.30	.50	.75	1.25	4.00
Mixed Red Hot	.05	.20	.35	.50	.75	2.25
Mixed Mango Sweet	.05	.20	.35	.50	.75	2.25
Long Red Cayenne	.05	.15	.25	.40	.60	1.75

PEPPER PLANTS READY APRIL 15TH.

Price, 25c doz.; $1.50 per 100. By express only.

Varieties:

Bell Bull Nose	Chinese Giant
Crimson Giant	Long Red Cayenne

Peas

One quart will plant about 125 feet of drill.

Peas mature earliest in a light, rich soil; for general crop, a rich deep loam is the best. When grown in gardens sow in double rows six to eight inches apart, the rows two to four feet apart, the tall ones requiring brush. Commence sowing the extra early varieties as early as the ground can be worked in February or March, and continue for a succession every two weeks until June. The wrinkled sorts marked * should not be sown until March 1st, or as soon as ground is warm.

Potlach or Big Dinner—Strong, vigorous vines of even growth, 20 to 24 inches in height, with luxuriant dark foliage, bearing pods medium green in color 3½ to 4 inches in length. Broad and pointed at the ends. No variety known will produce more pods, and no pods could possibly shell out better. The Potlach is a variety from which any one may expect great things. Fit for table use 61 days from planting. Seed green, wrinkled, large in size. **Pkt., 15c; ½ pt., 25c; pt., 35c; qt., 60c; postage paid. By freight or express, qt. 45c; 4 qts., $1.25; pk., $2.50; bu., $8.50.**

Alaska—The earliest blue Pea, very uniform in growth. The dark green color of the pods makes it extremely desirable; 2 feet. **Pkt., 10c; ½ pt., 15c; 1 pt., 30c; 1 qt., 50c; postage paid. By express, 1 qt., 35c; 4 qts., $1.00; 1 pk. $1.75; 1 bu., $6.50.**

Large Pod Alaska—A new and valuable strain of the popular Alaska Pea, the distinctive superiority being that it makes much larger pods and is more prolific. The vines grow about the same height, but the superiority in size of pods and yield makes it a most valuable acquisition. **Pkt., 15c; ½ pt., 20c; pt., 35c; qt., 60c; postage paid. By express, 1 qt., 45c; 4 qts., $1.50; pk., $2.50; bu. $8.50.**

Schwill's Extra Early Market—This makes one of the largest podded and most productive of all the smooth seeded extra early peas. The vines grow about 30 inches in height and can all be gathered in two pickings. A most satisfactory, prolific early sort, both for the market gardener and the home garden. **Pkt., 10c; ½ pt., 20c; 1 pt., 30c; 1 qt., 50c; postage paid. By express, 1 qt., 35c; 4 qts., $1.00; pk., $1.75; bu., $6.50.**

***Gradus or Prosperity**—This is the earliest large podded pea in cultivation. The peas are tender, sweet, of extra large size; pods average 4 to 4½ inches long and contain from 8 to 10 peas of enormous size and excellent quality. **Pkt., 15c; ½ pt., 20c; 1 pt., 30c; 1 qt., 60c; postage paid. By express, 1 qt., 45c; 4 qts., $1.50; pk., $2.50; bu., $9.00.**

***Wm. Hurst**—A medium early sort which produces large and very showy pods; an immense cropper; peas of excellent quality; a fine variety for the home garden. **Pkt., 10c; ½ pt., 20c; 1 pt., 30c; 1 qt., 50c; postage paid. By freight or express, 1 qt., 35c; 4 qts., $1.00; 1 pk., $1.75; bu., $6.50.**

Fill Basket—A variety for the family garden. Vine 34 inches. Long pods and well filled. It is second early and can be recommended for the use of market gardeners, being very prolific. **Pkt., 10c; ½ pt., 15c; 1 pt., 25c; 1 qt., 45c; postage paid. By express, 1 qt., 30c; 4 qts., $1.00; pk., $1.75; bu., $6.50.**

***Telephone**—A fine, tall wrinkled variety and a great cropper, bearing immense pods of large peas of exquisite flavor. The pods fill a basket quicker than any other variety. Vines 4 feet. **Pkt., 10c; ½ pt., 15c; 1 pt., 25c; 1 qt., 50c; postage paid. By freight, 1 qt., 35c; 4 qts., $1.00; pk., $2.00; bu., $7.50.**

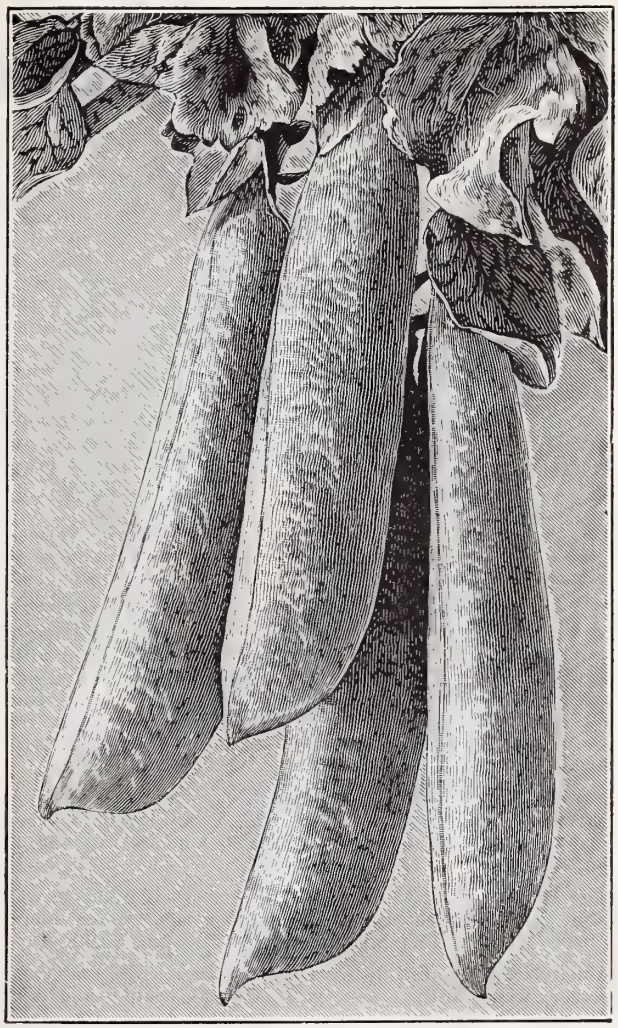
***Pride of the Market**—Strong growing, from 18 to 24 inches; very productive. The pods are large, and the peas are of superior quality. **Pkt., 10c; ½ pt., 15c; 1 pt., 25c; 1 qt., 50c; postage paid. By express, 1 qt., 35c; 4 qts., $1.00; pk., $1.75; bu., $7.00.**

Sugar Edible Pod Peas

***Melting Sugar (Edible Pods)**—Grows to the height of 5 feet; bears a profusion of large, broad, brittle pods. Should be used in much the same way as a Wax Bean.

***Giant Lucius Sugar**—Very large pods, sweet and tender.

Price, either variety: Pkt., 10c; ½ pt., 25c; 1 pt., 40c; 1 qt., 65c; postage paid. By express, 1 qt., 50c; 4 qts., $1.50; pk., $2.50; bu., $9.00.



Peas, Potlach Big Dinner.

Standard Varieties English Peas

Price, pkt., 10c; ½ pt., 15c; 1 pt., 25c; 1 qt., 40c; postage paid.

By express at purchaser's expense.

	1 Qt.	4 Qts.	Peck.	Bu.
*American Wonder	$ .25	$1.00	$1.75	$6.50
*Champion of England	.25	1.00	2.00	7.50
Early May	.25	.75	1.50	6.00
First and Best Ex. Early	.25	.75	1.50	6.00
*McLean's Little Gem	.25	1.00	1.75	6.50
Large White Marrowfat	.20	.75	1.25	4.50
Large Black-Eyed Marrowfat	.20	.75	1.25	4.50
Tom Thumb	.30	1.00	2.00	7.00

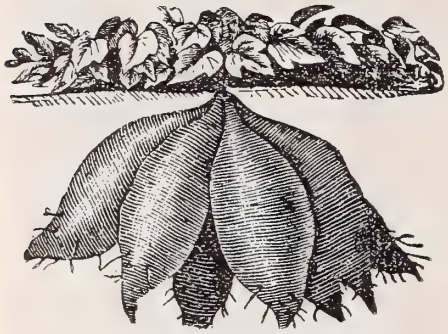
BOOKS FOR POULTRY RAISING.

Mailed on receipt of price.

American Standard of Perfection. Price	$1.50
Eggs and Egg Farms	.50
Chick Book	.50
Facts About White Diarrhea	.50
Japanese Gold Fish	.75
Making Poultry Pay—Powell	1.00
Philo System on Poultry	1.00
Poultry Houses and Fixtures	.50
Reliable Poultry Manual and Doctor	.50
Success with Poultry	.50
Two Hundred Eggs a Year	.50
Winter Eggs	.25

These books are both helpful and useful to the amateur. Profit by the experience of others.

Seed Potatoes



Sweet Potato, Nancy Hall.

One peck will plant 125 hills in drills, 8 to 10 bushels per acre. The potato, like all robust growing vegetables, can be grown with varying success on soils of all kinds and in all conditions of fertility, but the soil best suited to it is a sandy loam. Plant as early in spring as the ground can be had in fair working order, in hills or ridges, about 3 feet apart, cover lightly with soil, about 4 inches deep.

All quotations below are f. o. b. Memphis, and subject to change of market prices. Shipments at owner's risk.

Potato, Red Triumph.

Irish Cobbler—Is the most popular of the early varieties. It is of handsome cream white color; grows to a large size and has very few small potatoes. It is a vigorous grower and ripens early. **Pk., 50c; bu., $1.50; bag, 2½ bu., $3.25.**

Red Triumph—One of the best early potatoes, combining the productiveness of the Peerless with the excellent qualities of Early Rose. It is more prolific than the former and much earlier than the latter. Tubers are medium in size, round and very uniform in shape; eyes slightly depressed and color of a beautiful light red and is a standard variety. **Pk., 50c; bu., $1.40; bag, 2½ bu., $3.15.**

Early Ohio—One of the standard early varieties; a full week earlier than Early Rose; oblong in shape and of fine flavor and texture; dry and mealy. **Pk., 60c; bu., $1.50; bag, 2½ bu., $3.25.**

White Bliss—One of the earliest varieties, oblong shape, white skin with pinkish eyes. A favorite variety for market purposes. **Pk., 75c; bu., $2.00; bag, 2½ bu., $4.00.**

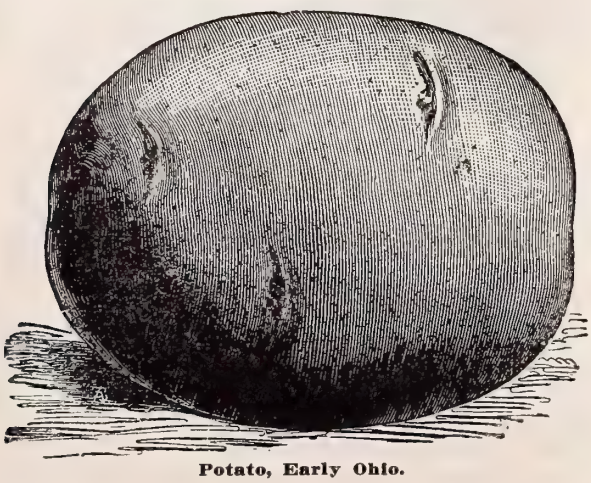
Carmen No. 3—A fine late variety of excellent quality, fine flavor, wonderfully productive; of great beauty and a fine keeper. Tubers large and solid, growing closely together in the hills. **Pk., 60c; bu., $1.75; bag, 2½ bu., $3.50.**

Lookout Mountain Potato—Very prolific, late; long keeping variety, for planting in June; grows large tubers, pure white, smooth, of good quality. No other variety stands our hot climate as well. We book orders now for shipment first of June. **Pk., $1.00; bu., $2.50; bag, 2½ bu., $4.80.**

Standard Potatoes

	Pk.	Bu.	Bag 2½ bu.
New York Early Rose	$ .40	$1.10	$2.50
New York Peerless	.40	1.10	2.50
New York Burbank	.40	1.10	2.50

All Northern grown fine stock.



Potato, Early Ohio.

Seed Sweet Potatoes

All prices here given are packed f. o. b. cars Memphis. Purchaser must pay carrying charges. Prices subject to market changes.

All Seed Sweet Potatoes will be shipped about the 15th of March, as weather before that time is entirely too cold and potatoes will rot when handled or bedded too early. We absolutely make no guarantee whatever on them. They leave our store in good condition, and will be shipped at buyer's risk only.

	Pk.	Bu.
Nancy Hall—Skin yellow; meat, which is a clear amber color, is as sweet as honey; matures early and is an immense yielder	$ .75	$2.00
Bunch Yellow Yam—Finest quality yellow skin and flesh	.50	1.50
California Wonder—A superb variety for home use, meat sweet and soft; yellow	.75	2.50
Early Triumph Sweet Potato—Flesh bright light yellow, of good size, very prolific and three weeks earlier than the medium late potato; a remarkably valuable potato; very large, smooth skin, cook soft	.60	1.75
Gold Coin Bunch Yam—Dark yellow flesh, fine keeper	.60	1.75
Genuine Yellow Yam—The old reliable running yam	.50	1.50
Southern Queen—Matures very early; very productive	.50	1.50

Sweet Potato Plants

Ready April 15th.

	100	1000
Bunch Yellow Yam	$ .25	$2.00
Running Yellow Yam	.25	2.00
Nancy Hall	.30	2.50
Early Triumph	.30	2.50
Southern Queen	.25	2.00
Red Brazilian	.40	3.00
Golden Coin Bunch Yam	.25	2.00

Lots of 5,000 or over, 25c per 1,000 less.

Send cash with orders. All plants must go by express at purchaser's expense. We cannot send them by mail.

NOTE—All of the so-called Vineless Bunch Yam Sweet Potatoes, if planted in rich soil, make a slight vine. They do not grow erect, bush form. We get the best, purest stock obtainable; we make no guarantee whatever on same.

Cold Storage Potatoes

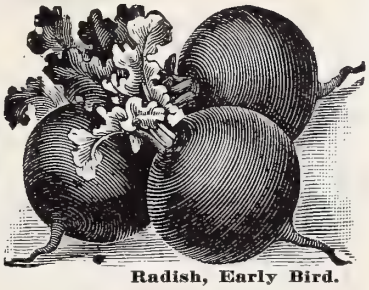
We will have a nice lot of different varieties of Seed Potatoes, kept on cold storage for late planting. Write for prices in June or July.

Radish

Sow in drills very early in spring, and later for a succession at intervals of ten days. Must have very rich soil, plenty of moisture, light and ventilation to insure quick, rapid growth. For very early, sow in hotbeds. One ounce to 50 feet of drill; 10 pounds to the acre. Any variety. **Pkt. 5c, or 3 pkts. for 10c; postage paid.** Market gardeners should send for special price list.

Schwill's Perfection Turnip, White Tipped—A very popular variety for either outdoor or frame culture. Size medium, bright scarlet color, with a distinct white tip. Matures early, quality the best. This is probably more largely planted than any other variety by market gardeners. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 60c; postage paid.**

Radish, Schwill's Perfection Turnip, White Tipped.



Radish, Early Bird.

Early Bird Radish—Market gardeners' improved strain. It makes a small top and forms bright, round scarlet roots. Sown in the open ground in early spring, will produce beautiful radishes in 21 days. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 60c; postage paid.**

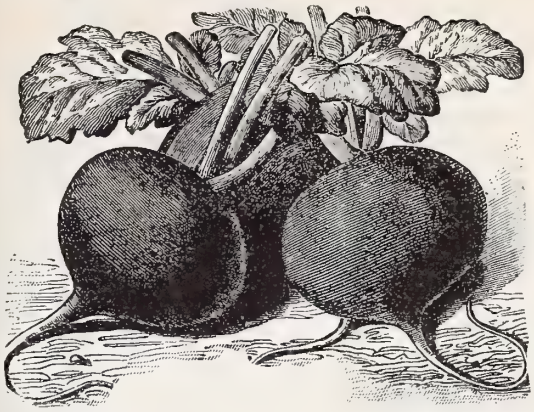
Early Scarlet Turnip—A well known and highly esteemed variety; extensively grown for market. **1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 45c; postage paid.**

White Icicle—Snow white, very brittle and crisp. A beautiful long, handsome radish of rapid growth. **1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 55c; postage paid.**

French Breakfast—Scarlet, with white tip, shape nearly oval. **1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 55c; postage paid.**

Radish, California Mammoth White.

Radish, Long Scarlet, Short Top.



Radish, Early Scarlet Turnip.

Cincinnati Market—This is a selection of the Long Scarlet, with exceedingly small tops, and grows from 6 to 7 inches long; of a beautiful bright scarlet color with a very delicate skin; one of the best and most attractive market varieties. **1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 50c; postage paid.**

Long Scarlet Short Top—Very long and crisp, valuable for open ground. **1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 50c; postage paid.**

Rose China Winter—Bright rose color, flesh firm. **1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 60c; postage paid.**

California Mammoth White—A winter variety, growing 12 inches long; white fleshed, firm and of excellent quality. **1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 60c; postage paid.**

Price List Standard Radishes

5c per pkt; 3 pkts., 10c; any kind.

Postage Paid.

	1 oz.	2 oz.	¼ lb.	1 lb.
Chartier or Shepard	$ .10	$ .15	$ .20	$ .50
Chinese Celestial	.10	.15	.25	.60
Deep Scarlet White Tip Forcing	.10	.15	.35	.85
Early Scarlet Turnip, White Tip	.10	.15	.20	.50
Early White Turnip	.10	.15	.20	.55
Long Brightest Scarlet White Tip	.10	.15	.20	.45
Long White Vienna	.10	.15	.20	.50
Long Black Spanish	.10	.15	.20	.50
Round Black Spanish	.10	.15	.20	.50
Schwill's Radish Mixture	.10	.15	.20	.60
Yellow Summer Turnip	.10	.15	.20	.55

Warren, Ark., Oct. 6, 1910.

Messrs. Otto Schwill & Co., Memphis, Tenn.

Gentlemen—The several hundred pounds of seeds purchased of your house in the past several months for the Experimental Farm have given general satisfaction in every respect. The germinating per cent. was greater than other seeds used, and I cheerfully recommend to the Southern farmer the purchase of seeds from your house in preference to more Northern houses, as they are more thoroughly acclimated to the soil of the South.

Respectfully, B. COLBERT,
Manager Experimental Farm, Warren, Ark.

Pryorsburg, Ky., Sept. 3, 1910.

Otto Schwill & Co., Memphis, Tenn.

Gentlemen—Please send me your fall seed catalogue. I want to order some Rye, Winter Turf Oats and other seeds. I have ordered seeds of you before and found your seeds all O. K. Yours for business,
W. C. TURNBOW.

McCrory, Ark., March 12th, 1911.

Otto Schwill & Co., Memphis, Tenn.

Gentlemen—I hereby acknowledge receipt of the last bill you shipped me; everything O. K. I have 10 acres bordering the corporation of McCrory, which I bought one year ago, and I am converting it into a truck farm. I intend to ship stuff to both Memphis and Little Rock.

All Seeds and Plants bought of you last year gave perfect satisfaction. Yours truly,
J. W. NEELY.

Rhubarb

One ounce sows 80 feet, 6 pounds to an acre.

Victoria Rhubarb—Good standard variety; has large stalks. **Pkt., 5c; 1 oz., 25c.**

Rhubarb Roots

Crimson Winter—This wonderful vegetable was recently introduced by Mr. Luther Burbank. The stalks are of medium size, well-grown ones averaging twelve to eighteen inches in length and about three-fourths of an inch in diameter. **1 year seedling roots, each, 15c; doz., $2.00; postage paid. By express, doz., $1.50; 2-year strong roots, each, 25c; doz., $2.50; by express only.**

Victoria—1-year seedlings, by mail, doz., 90c; doz., 60c by express.

Victoria—2-year clump, each, 20c; doz., $1.50; by express.

Sorrel

This plant is considered valuable for its acid properties; mixed with salads, it imparts an agreeable and refreshing flavor. Sow in shallow drills 12 inches apart, and thin out the young plants to 6 inches.

Large Leaved French—Pkt., 5c; 1 oz., 15c; ¼ lb., 40c; 1 lb., $1.25.

Swiss Chard

SILVER BEET, OR CUT AND COME AGAIN SPINACH.

This Beet produces leaves only, excellent as greens. Cultivate same as spinach, sowing the seed in early spring, in drills 1½ feet apart. Good cultivation will increase the delicacy and tenderness of the leaves. **Swiss Chard, pkt., 5c; 1 oz., 15c; ¼ lb., 35c; 1 lb., $1.00; postage paid.**

Salsify or Oyster Plant

One ounce will sow 50 feet of drill; 6 to 8 pounds to an acre. Sow the seed in light, deep soil, early in spring, in drills 12 inches apart and 1 inch deep, thinning out the young plants to 6 inches.

Mammoth Sandwich Island—This variety is large, strong growing, and less liable to branch than the other sorts. **Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., 90c; postage paid.**

Spinach

One ounce to 60 feet of drill; 8 to 10 pounds to the acre. For an early summer crop sow early in the spring, in drills 1 foot apart, and thin out to 2 inches in the row. For winter and early spring crop sow either broadcast or in drills about the first of September or later.

Bloomsdale Savoy Leaved—A valuable variety with wrinkled leaves, resembling the Savoy Cabbage; it is very hardy and prolific. **Pkt., 3c; 1 oz., 5c; 2 oz., 10c; ¼ lb., 15c; 1 lb., 35c; postage paid. By express, 1 lb., 25c; 5 lbs., $1.00; 10 lbs., $1.80.**

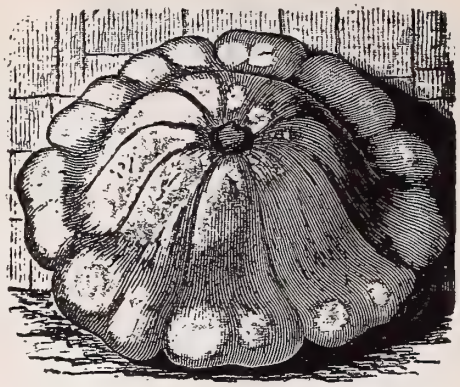
New Long Standing—One of the best varieties for spring growing, as it stands fully two weeks longer than any other sort before running to seed. **Pkt., 3c; 1 oz., 5c; 2 oz., 10c; ¼ lb., 15c; 1 lb., 35c; postage paid.**

Round Leaved Summer—The best variety to sow in the spring. Makes thick, dark green leaves of finest quality. **Price same as New Long Standing.**

STANDARD VARIETIES.

Postage Paid.

	Pkt.	1 oz.	2 oz.	¼ lb.	1 lb.
Broad Leaved Flanders	$ .04	$ .05	$ .10	$ .15	$ .35
Prickly Winter	.03	.05	.10	.15	.35
New Victoria	.04	.05	.10	.15	.35
New Zealand	.05	.10	.20	.30	1.00



Squash, Mammoth White Bush Scalloped.

Squash

One ounce will plant 40 to 50 hills; 3 to 4 pounds to the acre. Sow about the middle of spring in hills—the early sorts about 4 feet apart and the late varieties 6 to 8 feet. **Pkt., 5c; 3 pkts., 10c; any variety.**

Early White Bush—Extremely early; one of the best for summer use. Fruit white, with scalloped edges. **1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 50c; postage paid.**

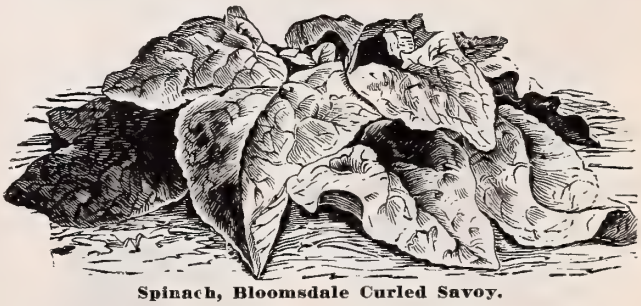
Mammoth White Bush, Scalloped—An improved variety of the well known White Bush Squash, growing 12 to 25 inches across; of uniform shape, of a beautiful white color, very early and prolific. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 60c; postage paid.**

Delicious—An early fall variety; color orange, striped with green; flesh firm, dry and very sweet. **1 oz., 10c; 2 oz., 20c; ¼ lb., 25c; 1 lb., 80c; postage paid.**

PRICE LIST OF STANDARD SQUASHES.

Postage Paid.

	Pkt.	1 oz.	2 oz.	¼ lb.	1 lb.
Boston Marrow	$ .05	$ .10	$ .15	$ .25	$ .75
Giant Yellow Crookneck	.05	.10	.15	.20	.60
Hubbard Improved	.05	.10	.15	.25	.75
Yel. Summer Crookneck	.05	.10	.15	.25	.60



Spinach, Bloomsdale Curled Savoy.

Tobacco

Culture—Tobacco can be grown in this vicinity as well as in the West, as our soil is better and yields about double the amount per acre. Tobacco can be grown by any one that can grow cabbage. The seed should be sown on a well prepared seed bed in the spring and a piece of canvas stretched across the top to protect against the weather. When plants are about six inches high, set out two feet apart in rows three feet apart; spray with Paris green to keep the insects off.

Havana—Pkt., 10c; 1 oz., 40c; postage paid.
Connecticut Seed Leaf—Pkt., 5c; 1 oz., 25c; postage paid.
Kentucky White Burley—Pkt., 5c; 1 oz., 35c; postage paid.

Seeds by Express

When ordering seeds by express or freight, deduct from our prices QUOTED POSTAGE PAID, 10c per pound and 10c per quart.

Tomato

Culture—Sow in hotbed or shallow boxes in the house in early spring; when plants are large enough transplant in hotbed or boxes and when all danger from frost is past transplant in open ground about 4 feet apart each way.

Schwill's Premier

This Tomato Has Proven Itself Earlier Than Sparks' Earliana or Any Other Tomato.

The claims we have made in previous years have been very strong, but we repeat them this season, as they are backed up by more critical and more extensive tests. Is earlier than any other sort without exception. In a comparative test with Earliana, seeds sown at same time and plants set out at the same time, the Premier gave us ripe fruit five days sooner. Think for a moment what this would mean to a gardener. Five days with the market all to himself.

Perfectly smooth from beginning to end of season. No variety is more uniform in shape, and it is noticeably peculiar in that all the tomatoes on a cluster ripen at once, and are all about the same size.

Its color is a beautiful deep glossy scarlet, which makes the fruits very attractive when exposed for sale.

The table quality is surpassed only by the large beefsteak sorts, and a cross section will show it to be as meaty as could be desired, and with fewer seeds than other early varieties. Its flavor is all that can be desired, making it a splendid sort for slicing or for eating from the hand. The fruits ripen uniformly all over, the stem end coloring up perfectly. **Pkt., 10c; ½ oz., 30c; 1 oz., 50c; 2 oz., 75c; ¼ lb., $1.00; postage paid.**

Early Detroit—Largest and best in shape of the smooth, early purplish pink tomatoes, larger than Acme and earlier maturing than Beauty. **Pkt., 5c; ½ oz., 20c; 1 oz., 40c; 2 oz., 60c; ¼ lb., $1.00; 1 lb., $2.50; postage paid.**

Schwill's First Early—An extra early variety, much superior in smoothness and solidity to any of the older extra early sorts and larger. Vine of rather slender habit, hardy and productive. Fruit deep red, borne in clusters. **Pkts., 10c; ½ oz., 30c; 1 oz., 50c; 2 oz., 90c; ¼ lb., $1.50; 1 lb., $4.00; postage paid.**

New Coreless Tomato—Large size, globe shaped, full at stem end, bright red; a strong grower and big cropper. **Pkt., 5c; ½ oz., 20c; 1 oz., 35c; 2 oz., 60c; ¼ lb., $1.00; 1 lb., $3.00; postage paid.**

Dwarf Giant—This is a distinct kind. The plants grow stiff and upright, and need no support, as other kinds. Can be planted closely together, three feet apart. It is early and productive. **Pkt., 5c; ½ oz., 15c; 1 oz., 30c; 2 oz., 50c; ¼ lb., 90c; 1 lb., $2.75; postage paid.**

Beefsteak—The largest and heaviest smooth tomato offered. The color is crimson and of a most agreeable acid flavor. **Pkt., 5c; ½ oz., 20c; 1 oz., 35c; 2 oz., 60c; ¼ lb., $1.00; 1 lb., $3.00; postage paid.**

Trucker's Favorite—The finest large fruited purple tomato. Most regular in form and size; thick meated and very solid. This is one of the largest smooth tomatoes grown. **Pkt., 5c; ½ oz., 15c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 60c; 1 lb., $2.00; postage paid.**

Mansfield Tree Tomato—A variety which grows like a tree, bearing large, plump red fruit. It is very productive and quality excellent. A fine tomato for the home garden. **Pkt., 10c; ½ oz., 50c; 1 oz., 90c; ¼ lb., $1.50; 1 lb., $5.00; postage paid.**

Ponderosa—This variety when conditions are favorable grows to an immense size, and makes the heaviest fruit of any in the list. **Pkt., 5c; ½ oz., 20c; 1 oz., 35c; 2 oz., 60c; ¼ lb., $1.00; 1 lb., $3.00; postage paid.**

Tomato Plants

Ready March 15. Varieties: Acme, Trophy, Beauty, Stone, Ponderosa, Earliana. **Price, hotbed plants, doz., 15c; 100, 75c. Transplanted heavy plants, doz., 25c; 100, $1.50; by express only.**

Tomato, Early Detroit.

Standard Tomatoes

Postage Paid.

	Pkt.	½ oz.	1 oz.	2 oz.	¼ lb.	1 lb.
Acme	$ .05	$ .10	$ .20	$ .35	$ .50	$1.75
Baltimore Queen	.05	.15	.25	.50	.70	2.25
Beauty	.05	.10	.20	.40	.60	2.00
Dwarf Stone	.05	.15	.25	.50	.75	2.50
Dwarf Champion	.05	.15	.25	.50	.75	2.25
Enormous	.05	.15	.25	.50	.75	2.25
Earliana	.05	.15	.25	.40	.60	2.00
Crimson Cushion	.05	.20	.35	.60	1.00	3.00
Favorite Livingston	.05	.10	.20	.40	.50	1.75
Globe Livingston	.05	.15	.25	.50	.75	2.50
Greater Baltimore	.05	.20	.35	.60	1.00	2.75
Golden Queen	.05	.15	.25	.40	.75	2.50
I. X. L.	.05	.20	.35	.60	.75	2.50
June Pink	.05	.15	.25	.50	.75	2.50
Logan's Giant	.05	.20	.35	.60	1.00	3.00
Magnus	.05	.15	.25	.40	.70	2.25
Matchless	.05	.10	.20	.35	.60	1.75
My Maryland	.10	.30	.50	.90	1.50	4.50
Perfection	.05	.10	.20	.30	.50	1.75
Royal Red	.05	.15	.25	.40	.75	2.25
Stone	.05	.10	.20	.40	.50	1.75
Trophy	.05	.10	.20	.40	.50	1.75
Ten Ton	.05	.15	.25	.50	.75	2.50

Small Fruited Tomatoes

Price Uniform as follows: Pkt., 5c; ½ oz., 25c; 1 oz., 40c; postage paid.

Currant or Grape	Yellow Plum
Red Peach	Yellow Peach
Red Pear	Yellow Pear
Red Plum	

FREE INSTRUCTION BOOK FOR TRANSPLANTING AND MANAGING FRUIT, ORNAMENTAL TREES, SHRUBS, VINES AND FLOWERS.

To any one buying a bill of Fruit Trees or Plants to the value of $5.00, we will mail one of these 24-page booklets. Gives also valuable information on Roses, Bulbs, etc. Tells how to prune, fertilize and spray. A very complete little book. Price to those who wish the book alone, 25c postage paid.

Turnips

One ounce will sow 100 feet of drill; 2 pounds per acre broadcast. Turnips do best in a highly enriched, sandy, gravelly or light loamy soil. Commence sowing the earliest varieties in February. For a succession, sow at intervals of a fortnight until the last week in May, and from the first of July to the end of September, sowing may be made for the fall and main crops.

American Red Top White Globe Turnip—This variety has been grown and improved for years to meet the wants and trade of the most critical market gardeners. It is of fine form, bright red top, perfect globe shaped, round and smooth. **Pkt., 5c; 1 oz., 10c; ¼ lb., 25c; 1 lb., 50c; postage paid.**

Extra Early White Egg—Is very early, tender and crisp. The shape is oblong, resembling an egg. **Pkt., 5c; 1 oz., 10c; ¼ lb., 20c; 1 lb., 50c; postage paid.**

Extra Early White Milan—A splendid extra early turnip, in which the extreme earliness, small top and tap root of the Purple Top Milan are united with clear white skin and flesh. Very desirable for early planting. **Pkt., 5c; 1 oz., 10c; ¼ lb., 25c; 1 lb., 75c; postage paid.**

Extra Early Purple Top Milan—The earliest in cultivation, two weeks earlier than Purple Top Strap Leaf. The bulb is flat, of medium size, quite smooth, with a purple top. Flesh white, hard and of finest quality. It is an extra good keeper. **Pkt., 5c; 1 oz., 10c; ¼ lb., 25c; 1 lb., 75c; postage paid.**

Large White Globe—Of perfect globe shape; skin white and smooth; leaves large and dark green. **Pkt., 3c; 1 oz., 5c; ¼ lb., 15c; 1 lb., 45c; postage paid.**

Early White Flat Dutch S. L.—A very quick growing white variety, adapted for spring sowing. **Pkt., 3c; 1 oz., 5c; ¼ lb., 15c; 1 lb., 40c; postage paid.**

Dale's Hybrid—Flesh yellow, round, medium in size; a very popular yellow sort. Fine grained, very tender. **Pkt., 5c; 1 oz., 10c; ¼ lb., 25c; 1 lb., 60c; postage paid.**

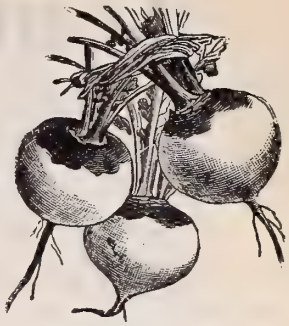
Gray Stone—Solid form keeper, skin russetty; flesh white. **Pkt., 5c; 1 oz., 10c; ¼ lb., 25c; 1 lb., 60c; postage paid.**

Standard Turnips

Postage Paid.

	Pkt.	1 oz.	¼ lb.	1 lb.
Golden Ball	$ .03	$ .05	$ .15	$ .45
Large Amber Globe	.03	.05	.15	.45
Large White Norfolk	.03	.05	.15	.45
Long White Cow Horn	.03	.05	.15	.50
Mammoth Purple Top Globe	.03	.05	.15	.45
Dixie Land Winter	.05	.10	.25	.60
Red or Purple Top Strap Leaf	.03	.05	.15	.45
Seven Top for Greens	.03	.05	.20	.50
Yellow Aberdeen	.03	.05	.15	.40
Mixed Turnips, all kinds	.03	.05	.15	.45

Turnip, Purple Top Milan.



Turnip, American Red Top White Globe.

Ruta Baga

RUSSIAN OR SWEDE TURNIP.

Finest Yellow—A popular English Yellow Swede. A decided favorite with our local trade. Has short neck, shape oblong. **Pkt., 5c; 1 oz., 10c; ¼ lb., 20c; 1 lb., 60c; postage paid.**

Carter's Elephant—The largest and heaviest yielding yellow fleshed sort. It produces large, oval-shaped roots; flesh very solid, fine grained. **Pkt., 5c; 1 oz., 10c; ¼ lb., 20c; 1 lb., 60c; postage paid.**

Johnson's Favorite—A popular English Yellow Swede. A decided favorite with our local trade. Has short neck, shape oblong. **Pkt., 5c; 1 oz., 10c; ¼ lb., 20c; 1 lb., 60c; postage paid.**

Bangholm Swede—This grand, new distinct form of ruta baga is, we believe, by far the best of all. The bulbs are of tankard shape, with very small neck, skin dark red above ground and yellow below. Fine grained and best quality. **Pkt., 5c; 1 oz., 10c; ¼ lb., 15c; 1 lb., 50c; postage paid.**

	Pkt.	1 oz.	¼ lb.	1 lb.
Golden Globe Ruta Baga	$ .05	$ .10	$ .15	$ .50
Imp. Purple Top Yellow Ruta Baga	.03	.05	.15	.45
Long Island Purple Top Ruta Baga	.03	.05	.15	.45
Sweet German Ruta Baga	.03	.05	.15	.50

New Customers

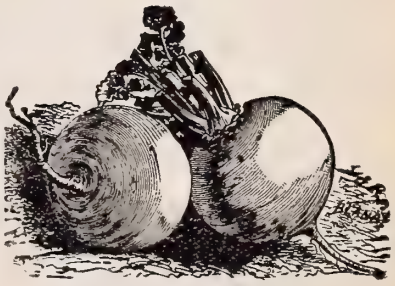
As this Catalogue will reach many who have never had our Seed, we would urge such to send us a TRIAL ORDER, no matter how small, even though you may be satisfied with seed bought elsewhere. We believe our SPECIAL STRAINS of many of the new varieties will attract your special attention and efforts, and finally be found as profitable to you as they have been to thousands of others who are now regular customers.

Seeds of Equally High Quality Can Nowhere Be Obtained for Less Money.

Turnip, Extra Early White Milan.

Remember

That we prepay charges on all seeds in this catalogue by the packet, ounce, two ounce, ¼ pound, ½ pint, pint, quart and one pound. If you wish to pay carrying charges then deduct 10 cents per pound or 15 cents per quart from these prices.



Ruta Baga, Johnson's Favorite.

Choice Flower Seeds

Embracing the choicest strains of standard sorts. All Flower Seeds sent by mail on receipt of price.

Size of Packets—Our packets are well filled, so much so that they usually contain sufficient for two or more sowings.

General Culture Directions—Most Flower Seeds germinate well in a rather light, sandy loam, exposed to the sun, while a few are benefited by partial shade, and some do best with an element of clay finely mixed with the soil. Nearly all the hardy seeds germinate better when planted in early spring, as soon as the soil can be worked fairly easy.

Aster, Semple's Mixed.

Special Offer of Flower Seed in Packets. We will send you, postage paid:

3— 5c Packets for	$ .10
8— 5c Packets for	.25
17— 5c Packets for	.50
35— 5c Packets for	1.00
3—10c Packets for	.25
7—10c Packets for	.50
15—10c Packets for	1.00

Note carefully the price of every variety before you order. Some are sold at 5c a packet and others at 10c to 20c a packet.

Asters

This has become one of the most popular, beautiful and effective garden plants, growing from 10 to 24 inches high. Sow the seed early in the spring, under glass or in pots in the house, and transplant into rich soil.

Aster, Mixed—A general mixture of all colors. **Pkt., 5c.**
Aster, China, Mixed—Well-known hardy variety. **Pkt., 5c.**
Aster, Comet, Mixed—Giant flowered, very fine. **Pkt., 10c.**
Aster, Victoria, Mixed—Large and double mixed. **Pkt., 10c.**
Aster, Semple's Mixed—A beautiful combination. **Pkt., 10c.**

CULTURAL DIRECTIONS FREE.

For several years we printed cultural directions on the backs of packet and ounce bags. This year we have them printed in the form of a little booklet—a copy of which is sent with every order for Garden or Flower Seeds amounting to 25c or more. Do not fail to ask for these special instructions.

Sweet Alyssum.

Corn Flower, Centaurea Cyanus.

Alyssum

One of the sweetest and most useful of summer flowers for edgings, borders, rock work, etc., continues in bloom the entire season.

Alyssum, Sweet—Flowers white, 1 foot, hardy annual. **Pkt., 5c; 1 oz., 25c.**

Alyssum, Little Gem—A Sweet Alyssum with pure white blossoms and very dwarf and dense growth. It is, perhaps, the finest sort for geometrical flower beds and borders. **Pkt., 5c; 1 oz., 30c.**

Ageratum—Plants that grow well anywhere; produce feathery flowers in cluster all season; mixed. **Pkt., 5c.**

Antirrhinum, Snapdragon—A favorite, half hardy perennial, blooming profusely the first season from seed. Sow in a sunny bed. Fine for cutting. Treated as an annual. **Tall Mixed, pkt., 5c.**

Balsam, Double Mixed—Magnificent for outdoor planting, producing in gorgeous profusion flowers of the most beautiful and varied colors; half hardy perennial. **Pkt., 5c.**

Balsam Apple—Balsamina; curious fruits; fine climber. **Pkt., 5c.**

Bachelor's Button—It has been so perfected that fully 80 per cent. of the flowers are double and semi-double; are also increased in size and present many colors and distinct markings, which have hitherto been unknown in this old-fashioned favorite flower; mixed. **Pkt., 5c.**

Balloon Vine—Rapid growing, annual climber; 15 feet. **Pkt., 5c.**

Calliopsis—Large, bright yellow flowers; very effective for cutting and decorations; mixed varieties. **Pkt., 5c.**

Candytuft, White—Flowers profusely all summer; good for edging. **Pkt., 5c.**

Candytuft, Finest Mixed—All varieties and colors in one packet. **Pkt., 5c.**

Carnation, Marguerite—Exceedingly fragrant double flowers, very beautiful. **Pkt., 10c.**

Canna, Mixed—Flowers of large size and brilliant colors. Our mixture contains all the tall varieties and all colors. **Pkt., 5c.**

Canary Bird Flower—Fine climber, graceful foliage. **Pkt., 5c.**

Corn Flower (Centaurea Cyanus)—The well-known everlasting flowers; also called Blue Bottle; mixed colors. **Pkt., 5c.**

Carnation Marguerite.

Canary Bird Flower.

Cosmos, Giant Flowered Fancy.

Cosmos

Cosmos is now one of the most popular flowers. It is of very rapid growth and makes large bushes 5 to 7 feet high, which are a mass of elegant foliage. The showy flowers are borne on long stems in great abundance.

Cosmos, Giant Flowered Fancy—Flowers measure from 4½ to 5 inches across; petals fringed, pinked, toothed and plain, and in color from pure white through shades of pink and red to rich dark red.

Giant Crimson—Pkt., 10c. **Giant Pink—Pkt., 10c.**
Giant White—Pkt., 10c. **Giant Mixed—Pkt., 5c.**

Cosmos, Mixed Early Flowering—Of compact, bushy growth (only about 4 feet), with flowers fully as large as the older sorts. This has proved to be a most popular variety. **Pkt., 5c; 1 oz., 40c.**

Coxcomb—A class of very magnificent, attractive and showy annuals, producing massive heads of rich shades and colors, of great effect in the garden or in plots. Well adapted to our climate, as they will stand drouth well. **Finest Mixed, all colors. Pkt., 5c.**

Cypress Vine—This has the most graceful and beautiful dark green feathery foliage of all the garden vines. For a neat trellis or ornamenting the trunks of young trees, it is hardly excelled. Mixed colors. **Pkt., 5c.**

Cobea Scandens—Cups and Saucers Vine; a climber of rapid growth, valuable for covering trellises, arbors, trunks of trees, etc.; large, bell shaped purple flowers. **Pkt., 5c.**

Dahlias—Dahlias are easily grown from seed and bloom the first season as well as if grown from roots. Start seed early in the house to secure a long blooming season. **Double Mixed, all colors, pkt., 10c; Single Mixed, all colors, pkt., 5c.**

Daisy, Double—An old favorite, hardy perennial; mixed. **Pkt., 10c.**

Eschscholtzia—Exceedingly beautiful free blooming plants. Sow seed in open border during May and June, where it is intended to be flowered, as they do not stand transplanting. **Fine mixed, all shades, pkt., 5c.**

Forget-Me-Not (Myosotis)—A modest little flower; to friendship ever dear. **Pkt., 5c.**

Four O'Clock—A handsome, free flowering plant. They open their blossoms about 4 o'clock in the afternoon, hence their name. Hardy annuals; mixed varieties. **Pkt., 5c.**

Foxglove (Digitalis)—One of the most striking flowers; tall, stately and handsome; of easy culture. **Pkt., 5c.**

Gaillardia—Blanket flower; fine for bouquets; mixed. **Pkt., 5c.**

Gomphrena—Bachelor Buttons. Pretty annual. **Pkt., 5c.**

Gourds—Small ornamental sorts. The vines are of rapid growth, with luxuriant foliage, 10 to 15 feet high; mixed; many beautiful kinds. **Pkt., 5c.**

Humulus Japonicus (Japanese Hop)—Ornamental and rapid climber. The foliage is lovely green; splendid for covering verandas, trellises, etc. **Pkt., 5c.**

Hyacinth, or Jack Bean—A rapid growing annual climber; flowering freely, for covering arbors, trellises, etc.; mixed, all colors. **Pkt., 5c.**

Hyacinth, or Jack Bean.

Double Dahlia.

Hollyhock

Stately and showy early blooming plants. Flowers of great variety of colors. Perfectly hardy and blooming year after year when once planted. Sow in May or June.

Hollyhock—Double mixed; all colors. **Pkt., 5c.**

Hollyhock, Double White—Immense white blooms. **Pkt., 10c.**

Hollyhock, Double Red—Pkt., 10c.

Heliotrope—Fragrant plants; splendid for bedding and ribboning; 18 inches; mixed. **Pkt., 10c.**

Ice Plant—Pretty trailer for baskets. **Pkt., 5c.**

Larkspur, Double Dwarf Mixed—Many varieties and colors. **Pkt., 5c.**

Hollyhock, Double.

Cypress Vine.

Guntown, Miss., July 7th, 1911.

Otto Schwill & Co., Memphis, Tenn.

Dear Sirs—Kindly send me your Summer and Fall Catalogue of Garden Seeds. I planted your Seed in the spring, and was certainly pleased with results. The Lookout Mountain Potatoes I bought from you two months ago are strictly good. Kindly send catalogue of Flower Seed also. Respectfully,

P. E. BRUTON.

Leland, Ark., July 17th, 1911.

Otto Schwill & Co., Memphis, Tenn.

Gentlemen—I hand you check for $12.65 to pay my account in full. The Alfalfa Seed you sent me last winter was excellent seed; no sign of dodder, and we got a fine stand. Want to buy about 20 bushels for October sowing, and would thank you to mail me your price lists from time to time as issued.

Yours truly,
J. F. HYATT.

Macon, Miss., March 22, 1910.

Otto Schwill & Co., Memphis, Tenn.

Gentlemen—Please send me a catalogue. I am anxious to come in touch with some good seed house. Many people here will buy seed from you when they know of the quality of seed you furnish; that is, if your seed are as reliable as they were when I bought from you about five years ago.

Please send me a catalogue at once, and oblige, yours truly,

J. M. HICKS.

Nasturtium, Exquisite Dwarf Mixed.

Kochia or Burning Bush (Mexican Fire Plant)—A rapid growing, highly ornamental annual, forming perfect pyramids 2½ to 3 feet high, covered with feathery green branches which in the fall are thickly set with innumerable bright scarlet flowers. Sow indoors and transplant 2 feet apart in April. **Pkt., 10c.**

Marigold

A well known magnificent plant, with handsome flowers of rich, beautiful colors, and neat, compact, green foliage, producing a splendid effect in almost any situation. Half hardy annual.

Marigold, Double Tall—Mixed. **Pkt., 5c.**

Mignonette

A universal favorite on account of its delicate fragrance. Good for pots or garden. Sow the seed at intervals throughout the summer for a succession.

Mignonette, Machet—Bears massive spikes of very fragrant red flowers. **Pkt., 5c.**

Mignonette, Sweet—The well-known, fragrant annual. **Pkt., 5c.**

Moonflower

(Ipomea Grandiflora).

Tall growing, free blooming climbers, related to the family of Morning Glories. As Moonflower plants have dense foliage, they are useful to cover trellis work, verandas, etc. Plant seeds out of doors when warm weather sets in.

Moonflower, White—Its large white flowers expand in the evening and remain open until the following day. **Pkt., 10c.**

Moonflower, Heavenly Blue—This variety blooms in the forenoon. The flowers are azure blue with a yellow throat. **Pkt., 10c.**

Nasturtium, New Giant Flowered, Tall Mixed.

Morning Glories

Rapid growing annuals, useful for covering arbors, porches and trellises. The foliage is pretty and every morning the vines are clothed with showy flowers in a variety of colors. Sow where plants are to bloom, as they do not transplant well.

Morning Glory—Mixed colors. **1 oz., 10c; pkt., 5c.**

Morning Glory, Japanese Imperial—Distinct strain, embracing varied types of foliage, combined with immense size of flowers and wonderful variety of colorings. **Pkt., 5c; 1 oz., 15c.**

Nasturtiums

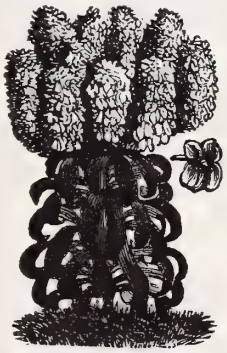
Few flowers compare with Nasturtiums in richness and variety of colors, freedom of bloom, ease of culture and general usefulness. They are suitable for bedding and handsome climbers, grow quickly, thrive in the poorest soil and furnish the greatest abundance of long lasting, sweet scented cut flowers. Sow the seed an inch deep and then thin seedlings to 10 or 12 inches apart.

Tall or Climbing Nasturtiums

Nasturtiums, New Giant Flowered—These superb Nasturtiums attract instant attention by the great size, exquisite form and rich color of the flowers. The flowers measure 3¼ to 3½ inches in diameter, the petals 1¼ inches across. A fancy mixture of most beautiful colors. **Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.25.**

Nasturtiums, Tall Mixed—A brilliant, effective mixture. **Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., $1.00.**

Madame Gunter's Hybrid Nasturtiums—Flowers are striped or blotched, with shades of red on yellow and orange ground, forming a combination of exceeding brilliancy and beauty. About 4 feet high. Half hardy annual. **Pkt., 5c; 1 oz., 25c.**



Sweet Mignonette.

Japanese Morning Glory.

Dwarf or Tom Thumb Varieties Nasturtiums

Dwarf Mixed Nasturtiums—In this will be found varieties of both light and dark colored foliage. **Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., $1.00.**

Exquisite Dwarf Mixed Nasturtiums—A magnificent strain, containing countless shades, colors, stripes, blotches and veinings. Many of the beautiful shadings, fine form and large size are to be found only in our exquisite mixture. **Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 50c.**

Schwill's Trial Collection

Five Packets of Seed for 10c.

Send us 10c and the names and addresses of two people who plant gardens, and we will mail you the following five packets of flower seed:

Sweet Alyssum — Mixed Pansy
Sweet Mignonette — Mixed Poppy
Mixed Sweet Peas

Pansy

Easily grown from seed, always in bloom, very sweet, pretty and fragrant. Our superior strains of Pansies are the finest money, care and experience can produce.

Pansy, Choice Mixed—Our own mixture of the more common varieties. This contains a wide range of colors and markings. **Pkt., 5c.**

Pansy, Extra Large Flowering, Mixed—Our mixture of th best English varieties of Pansies. **Pkt., 10c.**

Pansy, Schwill's Superb Large, Mixed.

Pansy, Schwill's Superb Large Mixed—Unrivaled for diversity of coloring and markings, beauty of form and large size. Selected separate colors from best German, French, English and American growers; mixed and blended. **Pkt., 20c.**

Pansy, Giant Trimardeau—A beautiful class. Vigorous and compact growers, with enormous flowers; finest mixed. **Pkt., 10c.**

Pansy, Snow Queen—Large flowering pure white variety. **Pkt., 10c.**

Portulaca

One of the most showy and beautiful annuals, with abundant highly colored flowers. For baskets, beds, masses or edging it is invaluable. Plant is dwarf or trailing; about 6 inches high; it requires scarcely any water and succeeds best in warm, sandy soil.

Portulaca, Fine Single Mixed—A great variety of colors mixed. **Pkt., 5c.**

Portulaca, Double Mixed—A large proportion will come very double. **Pkt., 10c.**

Pinks

A magnificent genus, embracing some of the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom.

Pink, China Double—Rich in hue, very double; deeply fringed petals; mixed colors. **Pkt., 5c.**

Pink, Double Diadem—Superb large double flower; hieroglyphically marked, like the original Chinese Pinks, in the middle down to base of each petal; magnificent in color and variety. **Pkt., 5c.**

Pink, Double Imperial—Large double flowers; brilliant colors, mixed. **Pkt., 5c.**

Pink, Double White—Showy, large size, pure white. **Pkt., 10c.**

Pink, Heddewigii—Double Japan Pink. The flowers are large and of the brightest colors; mixed colors. **Pkt., 5c.**

Hardy Perennial or Clove Pinks—Adapted for beds and borders; sweet scented. Should be in all gardens.

Double Clove Pinks (Plumarius flore pleno)—**Pkt., 10c.**

Phlox Drummondii

One of the prettiest and most popular of garden annuals. Makes very attractive beds, and continues in bloom throughout the summer. Sow in April in open ground, or can be started earlier indoors.

Phlox Drummondii, Mixed—A splendid mixture of all colors. **Pkt., 5c.**

Petunia, Large Flowering, Mixed.

Pink, Double Diadem.

Phlox, Mammoth Large Flowering, Mixed—The large flowering kinds are a decided improvement on the Drummondii, producing flowers twice the size of the latter; mixed. **Pkt., 10c.**

Phlox, Fireball—Vivid scarlet, superb when in full bloom; annual. **Pkt., 10c.**

Phlox, Snowball—Purest white flowers. **Pkt., 10c.**

Petunia

Annual; easily grown, free bloomer, dwarf and early.

Petunia, Single—A splendid mixture of varieties. **Pkt., 5c.**

Petunia, Large Flowering—Mixed. **Pkt., 20c.**

Petunia, White—**Pkt., 10c.**

Phlox, Mammoth Large Flowering, Mixed.

GREENHOUSE ORDERS.

All orders for flowering plants, roses, geraniums, etc., will be sent to our customers separetely from seeds or nursery stock, etc. We cannot pack these tender plants with other merchandise.

ALL CLAIMS

Must be made on receipt of goods. Our responsibility ceases after goods are delivered to transportation company, and we can assume no liability after delivery to railroad company. We will gladly file claims for losses against transportation companies, but will not refill the order, as we sell goods f. o. b. Memphis.

SCHWILL'S PACKET SEEDS

Are full size and contain the best and freshest seeds. If you want quality and quantity and splendid vegetables and flowers, always order Schwill's Seeds. Remember, we pay the postage on all seeds at packet, ounce, two-ounce, quarter pound, half and one pound rates.

FREE.

Extras are sent with each order. Many are the kind letters we have received from our customers, who were surprised and delighted with the present of some choice seeds which were sent them free of charge. For this season we have several good things we will distribute in this manner.

Poppies

Hardly any class of plants afford the same brilliant colorings and showy display. Very easy culture, the seed being sown where they are to bloom.

Poppy, New Brilliant—Comprises not only all the double and single poppies described, but also a number of other sorts specially purchased for this mixture, including some entirely new ones; will make a grand display. **Pkt., 5c.**

Poppy, Peony Flowered—Enormous size; perfectly double; always admired; mixed. **Pkt., 5c.**

Poppy, Carnation—Double, mixed, superb; from many varieties. **Pkt., 5c.**

Poppy, Schwill's Superb—Grand, large double flowers, in every color; magnificent in form. **Pkt., 5c.**

Poppy, Shirley—The handsome flowers are single and semi-double, beautiful in color, from pure white to deep crimson; shiny and glossy like silk. **Pkt., 5c.**

Ricinus

(Castor Oil Plant).

Rapid growing plants with palm-like foliage and showy fruits. Used with decorative effect, planted singly on the lawn or in the center of a Canna or Caladium bed; 6 to 15 feet.

Ricinus, Zanzibariensis—A fine ornamental plant. **Pkt., 5c.**

Ricinus, Mixed—All the plain and fancy sorts; mixed. **Pkt., 5c.**

Salvia

Splendid bedding plant. It stands heat and drouth remarkably well. Blooms first year from seed, sending out a mass of fiery red flowers; 1½ to 2 feet.

Salvia—Scarlet Sage; gorgeous plants with numerous spikes of intensely vivid scarlet flowers 10 to 12 inches in length. **Pkt., 10c.**

Salvia, Bonfire—Plants form handsome bushes about 2 feet high by 2 feet across. Flowers of a most brilliant, dazzling scarlet; one of the finest. **Pkt., 15c.**

Sunflower, Double Tall—Huge leaves and flowers. **Pkt., 5c.**

Sunflower, Double Dwarf—Compact, double golden yellow flower. **Pkt., 5c.**

Scarlet Runner Beans—A great favorite as an ornamental climber; bright scarlet sprays of pea-shaped blossoms. **Pkt., 5c.**

Sweet William, Single—Handsome colored flowers; mixed. **Pkt., 5c.**

Sweet William, Double—Finest double flowers. **Pkt., 10c.**

Thunbergia—An excellent trailing or bedding plant; very popular. **Pkt., 5c.**

Violets

Violets, Blue—Perennial. The delicate, fragrant little favorites. Sow in beds and transplant. **Pkt., 10c.**

Vinca

(Madagascar Periwinkle).

Handsome bushy plants. Sown in March, transplanted in May, will bloom first summer in garden; 1½ feet.

Vinca, Alba Pure—Pure white. **Pkt., 10c.**

Vinca, Mixed—**Pkt., 5c.**

Salvia, Scarlet Sage.

Double Zinnia.

Verbena

Splendid for beds or massing. Flowers of most brilliant colors, blooming from early summer till late in the fall. Verbenas grown from seed are always thrifty and do not rust. Sow early in the house, or out of doors in April.

Verbena, Choice Mixed—Fine colors; mixed for bedding. **Pkt., 5c.**

Verbena, Extra Large Flowered—Magnificent; extra large; varieties mixed. **Pkt., 10c.**

Verbena, Scarlet Defiance—**Pkt., 10c.**

Verbena, Mammoth Purple—**Pkt., 10c.**

Verbena, Mammoth Pink—**Pkt., 10c.**

Verbena, Mammoth White—**Pkt., 10c.**

Wild Flower Garden Mixture

These mixed flower seeds embrace a hundred varieties of easy growing and pretty flowers, suitable for forming a wild flower garden. They are very useful for woodland walks and for sowing alongside fences and untidy bare spots of ground which are so frequently unsightly, and which, if properly cared for and kept free from weeds, can be made to produce a continual display of bloom during the summer. **Large pkt., 5c; 1 oz., 15c; ¼ lb., 40c.**

Wild Cucumber—A rapid climber and free bloomer; very popular for porches, fences or outbuildings. **Pkt., 5c.**

Zinnias

For gorgeous summer and fall display, the Zinnia is unsurpassed. The flowers are perfectly double, resembling Dahlias, and almost every shade of color. For bedding and massing they are particularly suitable.

Choice Double Tall Mixed—**Pkt., 5c**

Mammoth Flowered Double Mixed—**Pkt., 10c.**

Double Scarlet—**Pkt., 10c.**

Double Yellow—**Pkt., 10c.**

Double Crimson—**Pkt., 10c.**

Double Striped—**Pkt., 10c.**

Curled and Crested Mixed—**Pkt., 10c.**

Poppy, Shirley.

Greenhouse Orders

All orders for flowering plants, roses, geraniums, etc., will be sent to our customers separately from seeds or nursery stock, etc. We cannot pack these tender plants with other merchandise.

Vinca, or Periwinkle.

Schwill's Superb Large Flowering Sweet Peas.

OUR SWEET PEAS ARE GROWN BY EXPERTS AND ARE SURE TO GIVE SATISFACTION TO LOVERS OF THIS QUEEN OF ANNUALS.

Selected Sweet Peas

Our list of Sweet Peas is carefully revised and kept up to date, and we believe every sort we offer is entitled to a place in the front rank. Crop very short this season, and seed therefore somewhat higher.

Cultural Directions—Sow in the spring as soon as the ground can be prepared in a deep rich soil, and for succession until the middle of April. Open a drill 4 to 5 inches deep, and cover the seed from 2 to 3 inches. As the vines grow up, draw the soil up against them for support. A row of brush or wire netting should be placed between them for the vines to trail on. Pick flowers closely and do not allow to go to seed.

STANDARD SWEET PEAS.

Schwill's Superb Large Flowering—This superb mixture is blended by us with extraordinary care from named varieties of the most approved large flowering types, including recent American and European novelties, as well as a great many new hybrids as yet unnamed, insuring a gorgeous color effect. **Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; ½ lb., 50c; 1 lb., 75c.**

SWEET PEAS IN SEPARATE SHADES.

It is undeniable that a bunch of Sweet Peas of pink or white or dark shades or other colors which harmonize together is much more effective than a similar bunch where all the colors are mixed together. For such as prefer to grow the various colors separate, we have prepared the following list, all best varieties:

THE NATIONAL MIXTURE.

The National Mixture—Red, white and blue, consists of Salopian, Blanche Burpee, and Navy Blue. Try some in your garden next year. It will make a fine show. **Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c.**

ECKFORD ROYAL MIXTURE.

This mixture contains over 30 kinds, including novelties of 1911 and other choice varieties. **Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c.**

NEW SWEET PEAS. SPENCER'S TYPE OR ORCHID FLOWERED.

These are larger and more graceful in every way than the ordinary varieties, absolutely unequaled, a matchless combination of giant flowers, a new and distinct form. Finest mixed colors. **Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 50c; 1 lb., $2.00.**

NAMED VARIETIES SPENCER ORCHID FLOWERING TYPES.

Pkt., 10c; 1 oz., 25c; ¼ lb., 75c; 1 lb., $2.50; postage paid.

Asta Ohn Spencer—A charming, soft lavender of true Spencer type.
Apple Blossom Spencer—Deep pink, shading to rose; petals waved and crinkled.
Countess Spencer—Bright, clear pink, large flower on long stems.
Helen Lewis Spencer—Gigantic size, a rich crimson orange color.
King Edward Spencer—Self-colored, brightest red or crimson scarlet; large.
Othello Spencer—Immense wavy deep purple maroon.
White Spencer—The finest clear white variety in existence today. Petals waved and very large.

NAMED VARIETIES STANDARD GRANDIFLORA SWEET PEAS.

Pkt., 5c; 3 pkts., 10c; 1 oz., 20c; ¼ lb., 50c; 1 lb., $1.50; postage paid.

Apple Blossom—Bright pink and blush, beautifully shaded.
Aurora—White, flaked with orange; large flower.
Countess of Radnor—Delicate lavender standard, dark mauve wings.
Dorothy Eckford—Purest white, very large bold flower.
Duke of Westminster—Rosy maroon standard, violet purple wings; fine.
Earliest of All—Pink and white; one of the very earliest.
Emily Henderson—Splendid white; one of the best.
Hon. Mrs. E. Kenyon—The deepest shade of primrose, large flower.
Horace Wright—Deep purple all over; a fine large flower.
Janet Scott—Bright pink and buff; very pretty.
King Edward VII.—Bright crimson, very large blossom.
Katherine Tracy—Soft brilliant pink, beautiful shade.
Lady Grisel Hamilton—Light lavender standard, sky blue wings; fine.
Lottie Eckford—Rose and white, edged with blue.
Mrs. Geo. Higginson, Jr.—A delicate sky blue; fine flower.
Miss Willmot—Large; orange pink.
Mrs. Walter Wright—Rose purple, self colored.
Navy Blue—Bluish purple standard, navy blue wings.
Othello—Glossy maroon, self colored; elegant.
Prima Donna—Pure light pink, self colored.
Salopian—Splendid brilliant scarlet, nearly sun proof.
White Wonder Double—Double stemmed, many flowered, pure white.

Bulbs for Summer Flowering

All Bulbs will be sent separately from Flowering or Greenhouse Plants. We can not pack them together.

Gladiolus.

Double Dahlia.

The summer flowering bulbs for spring planting contained in the following list are inexpensive, very easily grown, and produce some of the most showy and beautiful of all summer and autumn flowers. There are but few flowers that can compare with the noble and brilliant spikes of the Gladiolus, the grace and elegance of the Lily, the purity and sweetness of the Tuberose, the majestic foliage of the Caladium.

Dahlia

The Dahlia is one of the showiest of all autumn flowers. Commencing to flower in July, they are a perfect blaze of bloom until stopped by frost.

Double Pink	**Double White**
Double Yellow	**Double Scarlet**
Double Purple	**Double Striped**

Price, any shade, each, 20c; postage paid. By express, each, 15c; 2 for 25c, 12 for $1.25.

Cannas

A fine foliage plant; a rapid grower, producing large trusses of beautiful flowers from early summer to late in the autumn. **Price, bulbs, each, 10c; doz., 75c. By mail, doz., $1.25.**

Following varieties:

Chas. Henderson—Vermillion; 4 feet.
Express—Bright scarlet color; 2½ feet.
Leonard Vaughan—Foliage bronze, flower scarlet; 4½ feet.
Betsy Ross—Soft pink; 3½ feet.
Madame Crozy—Vermillion, with gold border; 3½ feet.
Florence Vaughan—Golden yellow, spotted red; 5 feet.
King Humbert—Orange scarlet, bronze leaf; 4 feet.
Butter Cup—Fine bright yellow, 3½ feet.
Mixed Red Shades—All best colors.

Caladium Bulbs

Caladium Esculentum—Elephant's Ears. Effective as a single plant on a lawn or in groups; also useful for decorative effect near streams or pond. **Good sized bulbs, 15c; large bulbs, 25c; mammoth, 35c. By mail, 5c each extra.**

Peonies

HARDY HERBACEOUS.

These have become indispensable in every garden. They are all hardy and admirably suited to our Southern climate, growing in almost all situations, and even flourishing under shade trees.

Red, Pink, White—Each, 30c; postage paid. By express, each, 25c; doz., $2.00.

Amaryllis

Amaryllis Johnsonii (Spice Lily)—Crimson striped with white select bulbs. **Each, 60c; 3 for $1.50; postage paid.**

Tuberoses

Tuberose, Double Pearl—Doz., 35c; postage paid. By express, doz., 25c; 100, $1.50.

Tuberose, Single Albino—Doz., 35c; postage paid. By express, doz., 30c; 100, $2.00.

Everblooming Tuberose—This variety is known throughout Texas as Ramsey's Tuberose or Mexican Everblooming. A single white tuberose. The flower spikes are very large and evenly filled. It commences to flower in July and August, throwing from 2 to 5 flower stems from a single bulb. **Price, each, 10c; doz., $1.00; postage paid.**

Gladiolus

Gladiolus—Finest mixed hybrids. **By mail, doz., 35c. By express, doz., 25c; 100, $1.50.**

Gladiolus Childsii—Superb; large flowered; mixed colors. **Per doz., 50; postage paid. By express, doz., 40c; per 100, $2.50.**

GLADIOLI IN COLORS.

	Each.	Doz.	Per 100
Red and Scarlet Shades	$ .04	$ .35	$1.50
Pink Shades	.05	.40	2.00
Yellow Shades	.07	.65	4.50
Striped Shades	.06	.50	3.50
White and Light Shades	.06	.50	2.50

Each and dozen prices by mail, postpaid. Prices per 100 by express at buyer's expense.

Hardy Lilies

Auratum—The glorious Gold-Banded Lily of Japan, and one of the grandest plants in cultivation. Its immense, ivory white flowers are thickly studded with yellow and crimson spots, while in the center of each petal is a golden band, fading at its edges into white. From 5 to 10 magnificent flowers from each bulb the first year. **Each, 20c; doz., $2.00. By mail, each, 25c.**

Tigrinum—Tiger Lily. Orange, spotted black; 2 to 5 feet; summer. **Each, 10c; doz., 75c.**

Speciosum Album—A large white lily of great substance, with a greenish band running through the center. **Each, 20c; doz., $2.00. By mail, each, 25c.**

Speciosum Rubrum—A most beautiful flower, white, heavily spotted with rich crimson dots. **Each, 15c; doz., $1.50. By mail, each, 20c.**

Candidum (St. Joseph's or Annunciation Lily)—Each, 15c; doz., $1.25.

Cinnamon Vine

Hardy Climber, with dark green foliage, and late in the season bearing a profusion of small white flowers of a delicious cinnamon fragrance. **Each, 10c; doz., $1.00; postage paid.**

Madeira

A beautiful, rapid growing climber, bearing fragrant white flowers; very pretty and useful. **Each, 5c; doz., 50c; postage paid.**

Lily of the Valley—This well-known bulb is undoubtedly one of the most charming of all the early spring flowers, and is popular from one end of the country to the other. It is so well known that a description seems unnecessary. **Clumps, each, 35c; doz., $2.50. By express only.**

Lily of the Valley.

Double Pearl Tuberose.

Grass, Clover and Farm Seeds

Seeds by Express

When ordering seeds by express or freight, deduct from our prices quoted postage paid, 10c per pound and 10c per quart.

Red Top, or Herds Grass.

Kentucky Blue Grass.

Orchard Grass.

Meadow Fescue.

Sowing the Seed—All grasses and clovers used in the South can be sown in the spring; also in the fall. Have your land well prepared, pulverized and in the best of order. It is important that grass seeds be covered carefully with a light harrow not more than half an inch. Clovers and large seeds about an inch. The ground should be well rolled; the seed will then germinate better.

Prices named in this Department are subject to important market changes. Quotations are net and are not subject to premium or discount which is offered on other seeds. **Clover and Grass Seeds are constantly varying in value,** and we issue a price list daily during the busy season. Please write for quotations, sending list of requirements, when in need. Orders sent us will be given benefit of lowest prices on day order is received. Will take pleasure in mailing samples and quoting inside prices at any time on large orders. All prices named on Clover, Grass and Farm Seeds are f. o. b. Memphis. Where seamless cotton bags are used they will be charged for extra, 25c each.

Grass Seeds

Red Top or Herds Grass—Probably the most useful and succeeding better on more soils than any other grass for the South. Does best on moist or wet soil, but grows well on nearly all upland soils. Where conditions are favorable, and on moist land, it will grow 4 feet high and produce sometimes 1½ tons to the acre. Can be sown in either spring or fall, and it is best to use "Fancy Cleaned" Seed, which require 6 to 8 pounds to the acre. If using chaff seed, 2 to 3 bushels to the acre are required. **Prices: Seed in chaff, 1 lb., 20c; postage paid. By freight, pk., 35c; bu., $1.00; 5 bu., $4.50. Fancy Cleaned Seed, 1 lb., 35c; postage paid. By freight, 10 lbs., $2.00; 100 lbs., $17.00.**

Orchard Grass—One of the most widely known of pasture grasses. Its properties are earliness, rapid growth and power to resist drouth. Will endure some shade. Flowers about the same time as Red Clover; 1½ bushels to the acre. **1 lb., 35c; postage paid. By freight, 1 bu., 14 lbs., $2.00; 5 bu., $9.50.**

Bermuda Grass—No grass will stand the sun better. It is also very valuable as a pasture, and hay grass. Six lbs. will sow an acre. Should be planted in the spring, but can also be sown later. Under the most favorable circumstances it takes from 20 to 30 days to sprout; requires damp weather and hot sun, but when once up grows very rapidly. **1 lb., $1.50; postage paid. By freight or express, 1 lb., $1.40; 10 lbs., $12.50.**

Canada Blue Grass—More creeping in habit, a little coarser, but more hardy than the Kentucky Blue. Sow 30 lbs. to the acre. **1 lb., 30c; postage paid. By freight, bu., 14 lbs., $2.50; 100 lbs., $15.00.**

Kentucky Blue—Well known in all sections, and where the land is suitable, one of the most profitable grasses in cultivation for pasture. Succeeds best on limestone soil. At first it grows slowly, but afterward forms a very compact turf, making a fine pasture and is excellent for lawns. Can be sown in spring or fall at the rate of 1½ to 2 bu. to the acre. **1 lb., 40c; postage paid. By freight, 5 lbs., $1.25; bu. of 14 lbs., $2.25.**

English Perennial Rye Grass—It succeeds in almost any soil. Sow same as Blue Grass. Sown in the fall, produces fine winter pasture or beautiful green lawn. **1 lb., 30c; postage paid. By freight, 10 lbs., $1.25; 100 lbs., $10.00.**

Tall Meadow Oat Grass—A most valuable grass. Does well on any soil, but of special value on clay land. Grows 3 to 4 feet high; very desirable for meadow. Sow 30 lbs. per acre. **1 lb., 40c; postage paid. By freight, 10 lbs., $2.00; 100 lbs., $18.00.**

Meadow Fescue (Randall Grass)—An excellent pasture grass; early, nutritious and thrives well on all good soils. The long tender leaves are much relished by cattle. Sow 35 lbs. to the acre. **1 lb., 40c; postage paid. By freight, 1 bu., 14 lbs., $2.80; 100 lbs., $16.50.**

Italian Rye Grass—Especially recommended for pasture mixtures. Adapted for moist situations. Sow 40 lbs. to the acre. **1 lb., 25c; postage paid. By freight, 10 lbs., $1.50; 100 lbs., $12.00.**

Paspalum Dilatatum (Australian Water Grass)—Has given splendid results in Southern climates. It is an ideal grass for dairy farmers, as it produces enormous quantities of fresh, green, juicy feed during the hottest weather; it also keeps green during the winter. The seed may be sown at any time during the fall and early spring, generally with a nurse crop. Sow 30 lbs. to the acre. **1 lb., 85c; postage paid. By freight or express, 1 lb., 60c; 20 lbs., $1.00; 100 lbs., $45.00.**

All quotations on Grass Seed are subject to market changes. Special quotations will be given at any time. State what quantity you wish.

Pure Seed Law

Complying with the Tennessee Pure Seed Law, effective June 1, 1909, and now in force, all seeds herein offered are fully tested for purity and germination, and all shipments in the State will be fully tagged and stamped.

If you have any difficulty in securing a stand of Clover or Alfalfa, try
FARMOGERM—It Will Pay You.

All quotations on Grass Seeds are subject to market changes. Special quotations will be given at any time. State what quantity you wish.

Lawn Grass Seed

THIS IS A LEADER WITH US. WE HAVE A MIXTURE THAT CANNOT BE SURPASSED.

Barwell's English Lawn Grass Seed—Grows in sun or shade. In any climate. Lawns grown from it are veritable pictures of beauty. There are 12 fine interleaving grasses in Barwell's English Lawn Grass Seed, and no weeds, seeds or coarse grasses. **1 lb., 45c; postage paid. By express, 5 lbs., $1.50; 50 lbs., $14.00.**

Emerald Lawn Grass Seed—Our Emerald Lawn Grass Seed is a mixture of the finest grasses, such as produce thick, velvety lawns. Sow 2 to 3 bushels per acre. **By mail, 1 lb., 50c; postage paid. By express, 1 lb., 40c; 5 lbs., $1.50; bu. of 14 lbs., $3.50.**

Kalaka—The wizard lawn producer. Blended grass seed and manure. Grows green grassy grass. **2 lb. box, 50c; 5 lb. box, $1.00. By express only.**

Sunny South Lawn Grass—A mixture that stands extremes of heat and drouth well, and is, therefore, peculiarly adapted to the South. **1 lb., 75c; postage paid. By freight, 1 lb., 60c; 5 lbs., $2.50.**

Permanent Meadow Mixtures

These make the best quality Hay, as the mixtures contain such grasses as produce a heavy growth and mature together. We send out the No. 1 Mixture when not otherwise ordered, as it is adapted to medium or average soils. Sow about 22 lbs. (1½ bu.) per acre, or for top seeding, 10 to 15 lbs.

No. 1—For Medium Soils—Contains Meadow Fescue, Perennial Rye Grass, Italian Rye, Orchard Grass, Tall Meadow Oat, Timothy, Red Clover, Alsyke, Sweet Vernal, etc.

No. 2—For High Dry Land, Heavy or Clay Soils—Contains much the same as above, with the addition of Orchard Grass, Crested Dogstail and Bromus.

No. 3—For Moist and Rich Soil, or Land Subject to Overflow—Contains Water Meadow Grass, Meadow Foxtail, Perennial Rye Grass, Meadow Fescue, Red Top, Meadow Soft Grass, Alsyke Clover, etc.

Prices—Any of the above Permanent Meadow Mixtures per lb., 40c; 3 lbs., $1.00; postage paid. By freight, not prepaid, per bu., 14 lbs., $2.75; 5 bu. or more at $2.50.

Permanent Hog Pasture

Ready to use the first year and many years thereafter. Will fatten the hogs quickly and keep them in good health. Contains Perennial Rye Grass, Orchard Grass, Italian Rye Grass, Clover, Rape, Timothy, Red Top, etc. On any ordinary soil sow 14 lbs. per acre. **Per lb. 40c; 3 lbs., $1.00; postage paid. By freight, per bu., 14 lbs. $2.75; 5 bu. or more at $2.40.**

Permanent Pasture Mixtures

Selected with a view to having a succession of grasses coming on constantly from earliest spring through the dry summer weather, and through the fall. It is permanent and keeps improving year after year. Sow about 22 lbs. (1½ bu.) per acre, or for top seeding, half the amount.

No. 4—For Medium Soils—Contains Kentucky Blue Grass, Meadow Fescue, Perennial Rye Grass, Orchard Grass, Tall Meadow Oat Grass, Hard Fescue, Alsyke Clover, White Clover, Timothy, Red Clover.

No. 5—For High, Dry, Heavy or Clay Soils—Contains much the same as above, mixed in different proportions, with the addition of Alfalfa and Bromus Grass.

Prices—Any of the above Permanent Pasture Mixtures, per lb., 40c; 3 lbs., $1.00; postage paid. By freight, per bu., 14 lbs., $2.75; 5 bu. or more at $2.50.

Timothy and Alsyke Clover Mixed

A satisfactory combination. Try Timothy and Alsyke for the highest grade of mixed hay. They blossom at the same time, and are suited for the same soils. On low, moist lands where other grasses would fail they do especially well. They are beneficial to each other. The Alsyke forms a thick bottom and greatly increases the yield of hay or pasture, cattle preferring the mixed grasses to Timothy alone. The Timothy acts as a protector to the Alsyke through the winter months. A trial will convince you of the merits of this combination. Sow 15 lbs. to the acre. **By mail, 1 lb., 40c; by freight, 15 lbs., $3.00; 100 lbs., $16.00.**

Chicken Pasture Mixture

A cheap green feed for chickens. This will fill a long-felt want. Many poultry raisers have been asking for something that will make an abundance of good green food, as they do not have permanent pasture. There are plots of ground close to your chicken houses and yards that can be utilized very profitably for growing this splendid feed. The following are some of the seed that constitute the mixture: Rape, Spinach, Kale, Japanese and Pearl Millet, Speltz, Oats, Rye, etc. **By mail, 1 lb., 25c. By freight or express 1 lb. 15c; 10 lbs., $1.25; 20 lbs., $2.00.** Sow 40 lbs. to the acre.

Timothy—The standard grass in America for hay; used, however, in some sections largely for pasture. The proper time of the year to sow Timothy in the South is unquestionably in the fall of the year; still it is grown with more or less success planted in very early spring. The quantity of seed necessary to seed an acre will depend on the quality. But where it is to be the sole crop about 15 pounds, or one-third of a bushel, should yield a good stand. But, of course, if used in a grass mixture much less should be used. **Price of fancy cleaned seed, by mail, 1 lb., 35c. By freight, 15 lbs., or one-third bu., $1.50; bu., 45 lbs., $3.50.**

Timothy.

Directions for Cultivation

We have not sufficient space in this catalogue to give satisfactory directions for raising vegetables and flowers. We have, however, published a small pamphlet giving such directions in a concise form. The pamphlet tells how to make a hotbed, how and when to sow different kinds of seeds. It also contains some ideas in regard to potato growing and fertilizing garden and field crops; also tells how to grow alfalfa, clover and grasses.

This Pamphlet FREE

We will send this pamphlet free with orders for seeds amounting to 25c or more. If you wish it please write **"How and When to Plant Pamphlet"** at the end of your order. It will not be sent unless asked for.

PRICES ON FARM SEEDS ARE SUBJECT TO IMPORTANT MARKET CHANGES. Ask us for Samples and Prices before placing your order.

One of the Grasses Used in Our Permanent Pasture Mixture.

Clovers

ALFALFA, OR LUCERNE CLOVER.

The Clover of the West, and being more largely planted in the South every year. When thoroughly established can be cut three or four times a year, yielding heavily each cutting. Do not plant on heavy soil. Soil must be thoroughly prepared by deep plowing and harrowing until it is in fine condition. Sow 20 to 25 lbs. per acre. Write for booklet, How and When to Plant; our own experience, and the best information from experimental stations, are given in our new book. **Lb., 40c; 3 lbs., $1.00; postage paid. By freight, 20 lbs., $4.00; bu., 60 lbs., $11.00; 100 lbs., $17.50; seamless sacks, 20c extra.**

Red Clover—This is regarded as far the most important of the grass family for the practical purpose of agriculture, being valuable not only as a forage plant, but also for its fertilizing properties. Enriches the soil and adds materially to the value of succeeding crops. Sow 10 to 15 lbs. to the acre any time during spring or fall. **Price, recleaned highest quality seed, by mail, 1 lb., 40c. By freight, 10 lbs., $2.25; bu. of 60 lbs., $14.00.**

Japan Clover (Lespediza Striata)—Grows anywhere; is tenacious in any soil; lasts always; well known in the South. Sow in spring in permanent pastures by scarifying surface with a disc harrow. It may be classed among the most valuable hay and pasture plants of the Southern States; is eaten greedily by stock. When the land is well prepared and properly seeded Lespediza affords a good cutting the first year and will reseed the land, affording good crops for from two to three years, without any expense to the farmer except that of running a mower over the land once or twice during the summer to keep the weeds down. Lespediza is the most easily cured of any hay that can be grown in the South, as far as we know. Cutting it after the dew is off in the morning, it can be raked into windrows the same evening. The next day it should be put in cocks and allowed to remain a day or two longer, when it is hauled to rick or barn. After two weeks it is ready for the press and market. To obtain a stand, disc harrow your land, then scatter seed on top, roll the field; this will cover them enough. Sow in March or April. Seed weighs 25 lbs. per bushel. Sow 12½ lbs. per acre. **By mail, 1 lb., 40c. By freight, 12½ lbs., $2.25; 1 bu., $4.00; 5 bu., $18.75.**

Alsyke Clover—Highly valued as a permanent pasture. It is hardy in the South, and is the only variety which will produce a good crop and not kill out in low, wet land. The hay is finer and better than any other, therefore, of special value for sowing with timothy. Height, 18 to 24 inches, and has round pink or flesh-colored heads. Seed is small and requires only 8 pounds per acre. **By mail, 1 lb., 40c. By freight, 8 lbs., $2.40; bu., 60 lbs., $14.50.**

Georgia Burr Clover—Seed should be sown any time from August to October; 10 lbs. seed in the burr per acre. It is an annual plant, furnishing excellent winter grazing or a hay crop in May. **Seed in the burr: By mail, 1 lb., 50c. By freight, 10 lbs., $2.50; 50 lbs., $10.00; 100 lbs., $19.00**

Recleaned or Hulled Seed—Use 6 lbs. to the acre. **Price: By mail, 1 lb., 40c. By freight, 10 lbs., $2.50; 100 lbs., $18.00.**

White Clover—Does well in almost all lands of the Central South. Sow any time in the spring, 5 to 6 lbs. per acre. **By mail, 1 lb., 60c. By freight, 1 lb., 50c; 10 lbs., $4.50; 100 lbs., $35.00.**

Scarlet, Crimson or German Clover—Does well sown in the spring or fall. It makes a splendid pasture all during the winter. Sow 15 lbs. to the acre. **By mail, 1 lb., 35c. By freight, 15 lbs., $2.00; bu., 60 lbs., $7.50.**

Late White Blooming Crimson Clover—Same as regular Crimson, only has white bloom instead of crimson. Later than the regular Crimson, but makes a larger growth. The white blossoms contrast with the dark green foliage, and make a beautiful appearance in the fields. **By mail, 1 lb., 35c. By freight, 15 lbs., $2.50; bu., 60 lbs., $9.00.**

Mammoth, or Pea Vine Clover—This is a variety of red clover, of greater size and strength than the original type. Succeeds better on thin soils. **By mail, 1 lb., 50c. By freight, 10 lbs., $2.70; bu., $15.00.**

Melilotus or Bokhara, or Sweet Clover—A hardy perennial Clover, growing wild in many sections, particularly the prairie States. Flowers furnish abundant forage for bees. Sow 12½ lbs. to the acre in March and April. **1 lb., 45c; postage paid. By freight or express, 12½ lbs., $3.00; bu., sows one acre, $5.00.**

Lespediza, or Japan Clover.

Alfalfa.

Farmogerm

"MAKES POOR SOIL GOOD SOIL."
(High Bred Nitrogen-Gathering Bacteria.)

Lack of nitrogen in the soil is one of the most common reasons for poor farm crops. Unfortunately, also, nitrogen is one of the most costly fertilizing elements. The best mixed stable manure contains only one-half of 1 per cent. nitrogen and hence is very expensive.

It is with much pleasure, therefore, that we offer an article which supplies the necessary nitrogen at one-sixteenth of the cost of using stable manure. This is accomplished by simply moistening the seed of any leguminous crop (such as any kind of Clover, Beans or Peas) with a solution of **FARMOGERM.** This article is highly endorsed by farmers and scientists wherever tried.

The use of **FARMOGERM** High Bred Nitrogen Gathering Bacteria, on the seeds of Peas, Beans, Clovers, Alfalfa and all other legumes, means an earlier and bigger crop and a large amount of nitrates added to the soil to benefit future crops of other kinds.

We put up composite cultures in one-acre sizes, as follows:

ORDER BY NUMBER. **Postpaid.**

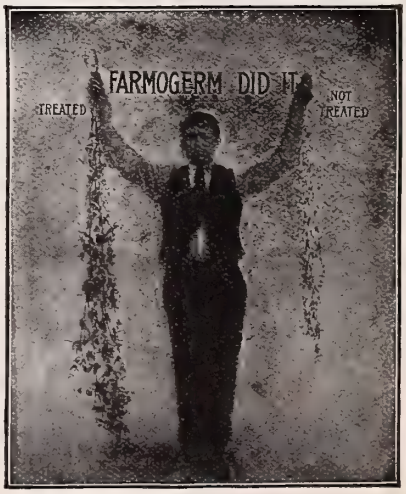
No. 1—For Red, White, Crimson and Alsyke Clovers, per acre $2.00
No. 2—For Alfalfa or Lucerne and Sweet Clover, per acre 2.00
No. 3—For Vetch and Canadian Field Peas, per acre..... 2.00
No. 4—For Soy Beans and Cow Peas, per acre..... 2.00
No. 5—For Garden Peas, Garden Beans and Sweet Peas, per acre 2.00

We also put up what we call Garden Size for 50c.

Write for Thirty-two Page Booklet on Farmogerm, Free.

Market Gardeners

or other large planters requiring larger quantities of seed than is usually needed for a family garden, are invited to write for our special price list, issued to them only. This list will not be sent to private gardeners, even if applied for, being intended only for those who grow for market.



New Prosperity Oats.

If you have any difficulty in securing a stand of Clover or Alfalfa, try

Farmogerm—

It Will Pay You

Tenn. German Millet.

Millet

There is nothing like Millet for sowing to cover up shortages in your hay crops. It can be sown any time from the middle of April up to the middle or end of July, and makes a valuable catch crop. Use 1 to 2 bushels to the acre. Seamless grain bags, 20c each extra.

Pearl or Cat Tail Millet—No other plant makes so much forage. Three successive cuttings of one crop in Georgia yielded 52,416 lbs. per acre. Stools at ground, thick foliage. Can be cut when 3 feet high. Sow 5 lbs. per acre in drills, 3 feet apart or broadcast at the rate of 25 lbs. per acre. **¼ lb., 10c; 1 lb., 25c; postpaid. By express, 1 lb., 15c; 10 lbs., $1.25; 100 lbs., $10.00.**

Tennessee German or Golden Millet—The seed we offer is Southern grown, and so much better is it than Northern grown stock generally offered that more than double the quantity of fodder is produced on the same ground. It grows from 4 to 5 feet high, yielding an abundance of leaves; heads closely condensed; spikes very numerous; seeds round, golden yellow, in rough sheaths. Sow 1 bushel to the acre. **1 lb., 25c; postage paid. By freight, pk., 50c; 1 bu., $1.75; 10 bu., $15.00. Seamless bags, holding 2½ bushels, 20c extra.**

Western German Millet—Best quality. Preferred by some to any other; does not grow so coarse. **Pk., 40c; 1 bu., $1.40; 10 bu., $12.50. Bags extra.**

Hungarian Millet—Preferred by some to German Millet, as it is about a week earlier. Does not grow as large, but makes finer hay. **1 lb., 20c, postage paid. By freight, pk., 50c; bu., $1.50.**

Siberian or Russian Millet—It is claimed to be the most wonderfully productive and satisfactory forage plant, possessing in a superior degree all of the essential merits of any of the older sorts—exceeding them by far—besides many other points of excellence that distinguish it and render it most valuable. **1 lb., 25c; postage paid. By freight, 10 lbs., 60c; bu., $2.50.**

New Japanese Millet—Quick growing, drouth resisting, variety of great merit. Grows 6 to 8 feet high and produces an immense crop, especially on moist, rich soils. Sow 15 lbs. per acre. **1 lb., 35c; 3 lbs., $1.00; postage paid. By freight, 1 lb., 25c; 10 lbs., $1.50; 100 lbs., $6.00.**

Oats

Sow two bushels of any following varieties to the acre. Plant February or March. Apply nitrate of soda, 100 lbs. to the acre, early in April.

Black Tartarian—Handsome, plump, jet black grain. Selected on account of its enormous size from a field of Black Russian Oats, and promises a revival of old-time yields, when 70 and 75 bushels, and even as high as 85 bushels, to the acre were not uncommon. It grows stiff and strong straw. The side heads are long and heavy laden, sometimes nearly a foot in length. Grows on thin or light soil. **Pk., 40c; bu., $1.00; 10 bu., $9.00.**

Early Burt, or Ninety-Day Oat—Very early in maturing, being ready to cut in about 90 days from spring plantings. A favorite in our section. Grows well on thin or rich land. **Bu., 90c; 10 bu., $8.50.**

Genuine Red Rust Proof Oats—A favorite variety in the South, particularly where the land is rich. **Fancy bright seed, 1 bu., 75c; 10 bu., $6.75.**

Appler Oats—A fine oat of extra fine quality. **1 bu., 90c; 10 bu., $8.50.**

New Prosperity Oats—Introduced a few years ago by the U. S. Department of Agriculture, and today the most largely planted of all varieties in the Northern Central States. Briefly described the oat is pure white in color; the hull is thin and the kernel large and plump; straw is stiff and strong enough not to lodge. A remarkable root development makes the Prosperity Oat a good drouth resister—a special feature on light soils. Season medium early and the earliest of the heavy yielding sorts. Especially suited to high land. **Pk., 50c; bu., 90c; 10 bu., $8.50.**

Japanese Honey Syrup Cane

As its name implies, this wonderful plant came from Japan, where it is grown extensively for making fine syrup. The plant grows from 14 to 18 feet tall, and belongs to the family of saccharine sorghums, but it is superior to all others of its kind. It contains the highest percentage of saccharine of any of the sweet sorghums, which not only makes it valuable for syrup, but also for stock food. It will produce nearly double the amount of syrup or feed of any other sort. For the last four years it has been fully tried out on all of the Frisco experimental farms, from Louisiana to Missouri, and has proven a success wherever tried. On good soil, with proper cultivation, it will yield from 300 to 500 gallons of fine syrup, and from 40 to 60 tons of fine feed per acre. The syrup in quality is next to that made from the sugar cane of Louisiana. Another great feature is that it matures early, so that it is adapted for a large range of country. Farmers should no longer waste time growing other varieties of sorghum, when this fine sort, the best of all, can now be obtained. Sow 8 lbs. to the acre in drills about April 10th. **Price, 1 lb., 50c; postage paid. By freight at purchaser's expense, 1 lb., 40c; 4 lbs., $1.00; pk., $1.50; bu., 50 lbs., $4.50.**

Sorghum or Sugar Cane, Etc.

Sow broadcast for hay or roughness 1 bu. or 50 lbs. per acre; for sorghum or grain, 1 pk. per acre.

Texas Seeded Ribbon Cane—This cane gets its name from being a variety that closely resembles the true ribbon cane raised from cuttings. It makes the finest kind of syrup. **1 lb., 50c; postage paid. By freight, pk., $1.50; bu., $4.50.**

Early Amber Sorghum—1 lb., 20c; postage paid. By freight, pk., 50c; bu., $1.40.

Early Orange Sorghum—1 lb., 20c; postage paid. By freight, pk., 50c; bu., $1.35.

Red Top Sorghum—1 lb., 25c; postage paid; by freight, pk., 60c; bu., $1.40.

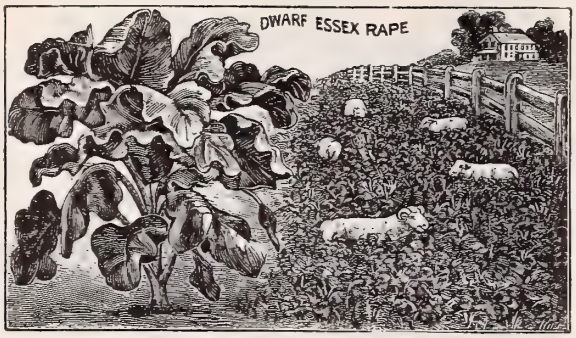
White Kaffir Corn—1 lb., 20c; postage paid. By freight, pk., 50c; bu., $1.50.

Red Kaffir Corn—1 lb., 25c; postage paid. By freight, pk., 60c; bu., $1.75.

Yellow Milo Maize—1 lb., 25c; postage paid. By freight, pk., 75c; bu., $2.50.

Jerusalem Corn

Pronounced the best and surest grain crop for dry countries and seasons. It grows about three feet high, makes as high as eight heads on one stalk; grain, pure white. Five lbs. will plant one acre. **Postpaid, 1 lb., 25c; not postpaid, 5 lbs., 50c; 10 lbs., 80c.**



Dwarf Essex Rape

This is an ideal sheep feed, easily grown; perfectly hardy and possesses remarkable fattening properties. One acre will pasture 36 head of sheep two months and lambs will make a gain of 8 to 12 pounds a month. Pigs and cattle are also very fond of it. The plant is a rank grower and should have heavy manuring as well as high cultivation. Any corn soil will grow Rape. Sow the seed by the end of June and the crop can be ready to feed at a season when it is most needed. It does well sown with oats. After oats are cut the Rape grows rapidly. If the soil is rich and clean, sow broadcast; if not so clean, sow in drills and cultivate as for corn. When sown broadcast use 5 lbs., and if in drills 2 lbs. to the acre. True Dwarf Essex Rape, our own importation. **Pkt., 10c; ¼ lb., 15c; lb., 25c; postage paid. By freight or express, 10 lbs., $1.00; 25 lbs., $2.00; 50 lbs., $4.00; 100 lbs., $7.75; bags included.**

Thousand Headed Kale

A crop similar to Dwarf Essex Rape, but more hardy, and claimed superior in yield, and it produces tremendous masses of cut and curved leaves, which are large, rich and beautifully deep green color. Sow in the fall, in drills or broadcast; if broadcast sow 3 to 3½ lbs. per acre, or in drills 1½ to 2 lbs. per acre. **By mail, 1 lb., 60c. By express, 5 lbs., $2.50; 10 lbs., $4.50.**

Teosinte

A valuable continuous cutting forage plant for Southern and Southwestern States, furnishing a most nutritious food green or dry for horses and cattle. It resembles Indian corn, the leaves being larger and the sap sweeter. Sow in May or June in drills 3½ to 4 feet; 2 to 3 lbs. per acre. **Pkt., 5c; 1 oz., 15c; ¼ lb., 40c; 1 lb., $1.00; postage paid.**

Broom Corn

Improved Evergreen—The most popular variety in the Western broom corn growing localities. Brush of good length and handsome appearance, and shows almost no red color. Sow 10 lbs. to the acre. **1 lb., 25c; postage paid. By freight or express, 10 lbs., $1.00; bu., 46 lbs., $2.50.**

Oklahoma Dwarf—An extra early sort. Average height about 5 feet. **1 lb., 30c; postage paid. By freight or express, 10 lbs., $1.25; bu., 46 lbs., $3.00.**

Giant Beggar Weed or Florida Clover.

Billion Dollar Grass

Billion Dollar Grass

Makes the finest hay of all. It is truly the most marvelous grower, the most luxuriant stooler that we have ever seen. Just imagine a field sown to Billion Dollar Grass with every spear of it over six feet tall, yielding—depending upon the soil—from 26,000 to 50,000 pounds of as rich, green fodder as the world has ever seen. Men talk about hard times, but positively hard times must vanish on every farm where Billion Dollar Grass is sown. There is reason for it; you can get two or three rich crops from the same annually, and then a big lot of fodder besides. If you sow early you will get from 26,000 to 50,000 pounds of fodder, which you can put in your silo or cure for hay, and the Billion Dollar Grass will quickly spring up again and give you another yield that will astonish the country. This can be cut again for hay; then the field will give you pasturage all fall long and horses and hogs and sheep and cattle and poultry will eat it greedily. Sow 20 lbs. seed to the acre, broadcast. **1 lb., 25c; postage paid. By freight, 10 lbs., $1.25; 20 lbs., $2.00; bu., 40 lbs., $3.50.**

Velvet Bean

Dolichos Multiflorus—This new bean is becoming very popular in the South and Middle North. It is very prolific, vines running over 12 feet long; both vines and pods are eaten by all kinds of stock. An excellent fertilizing plant for plowing under. At the experiment stations it has given wonderful results as a fertilizer. Should be planted in rows about 4 feet apart and 1 foot apart in the row, putting 2 or 3 beans in each place. The culture is the same as for Cow Peas. Use one peck to the acre. We have three varieties, as follows:

Speckled—Beans mottled and speckled; the standard Velvet Bean. **By mail, qt., 45c; by freight, peck, $1.25; bu., $4.50.**

Lyon White—Seed almost white, very prolific; matures early. **By mail, qt., 50c; by freight, pk., $1.50; bu., $5.00.**

Yokohama—The earliest variety; seed smaller and whitish in color; makes a rank vine. **By mail, qt., 60c; by freight, pk., $2.00; bu., $7.50.**

Peas, Canada Field

Every year there is more inquiry for field peas. As a fertilizer they come next to clover, to be plowed under when they commence to blossom. They will grow on land that will not produce clover. Sow 1½ to 2 bushels to the acre; or, if with oats, sow 1 bushel of each. **By mail, 1 qt., 35c; postage paid. By freight, pk., 75c; bu., $2.75; 5 bu., $12.50. Bags, 25c extra.**

Florida Clover, or Giant Beggar Weed

Desmodium Tortuosum—An erect leguminous annual, growing from 3 to 8 feet high, with abundant foliage. Valuable as forage or for soil renovation in sub-tropical regions. It is highly recommended for improving light, sterile, sandy soils by plowing under, and it also makes hay of a fine quality. It should be sown at the rate of 10 lbs. seed to the acre, after the ground is warm and moist. **By mail, 1 lb., 50c. By express, 5 lbs., $2.00; 10 lbs., $3.00.**

Chufas, or Earth Almonds

Used to fatten hogs. The nuts grow under the ground very near the surface, easily reached by pigs or poultry, and destroyed by them if they have free access. Plant in April in rows 3 feet apart, and 8 to 10 inches apart in the row. If seed is dry, soak before planting. Sow 1 peck of seed per acre. **Pkt., 10c; 1 lb., 35c; postage paid. By express, 1 lb., 25c; pk., $1.25; bu., 44 lbs., $4.50.**

Chufas.

Soja, or Soy Beans.

Hairy Sand, or Winter Vetch.

Soja Beans

Another valuable leguminous forage plant which is coming into general use throughout a much larger section of the United States than even cow peas. It has great properties for enriching the soil, in like manner to other leguminous plants. It is principally used in the South for fertilizing purposes, although considerable of it is made into hay, and no small quantity is cut and fed green. The hay is very nutritious, as likewise the bean when fully matured. Experience has proven that Soja Beans may be planted in like manner and at any time one would plant cow peas. Soja Beans, however, are mostly planted in drills and given some cultivation. The vines are bushy and vigorous, entirely self-supporting. Plant in drills 3½ feet apart, 1½ feet to the drill, using 1 peck per acre. When sown broadcast one bushel to an acre.

Mammoth Yellow—Makes a heavy growth and is desirable in every way.

Hollybrook Early—Makes a quicker growth and matures somewhat earlier than the Mammoth Yellow.

Prices, all varieties, by mail, pt., 20c; qt., 35c. By freight, qt., 20c; ½ pk., 50c; pk., 75c; bu., 60 lbs., $2.25.

Cow Peas

Equal to Clover as a Soil Fertilizer.

Green crops plowed under are one of the cheapest methods of enriching the soil. Cow Peas are invaluable for the purpose, as well as providing a large amount of hay. They should be sown in May or June at the rate of 2 bu. to the acre.

	Peck.	Bushel.
Whippoorwill, or Speckled	$ .75	$2.50
Clay	.75	2.50
Black	.70	2.50
New Era	.65	2.50
Red Ripper	.75	2.75
Unknown or Wonderful	.75	2.50
Mixed	.60	2.25

Market prices on Cow Peas changes often. Write for prices on larger quantities when ready to buy.

White Table Peas

California White, Black Eye—Very large, kidney shaped peas, maturing the earliest of all; fine for early market. **Qt., 50c; postage paid. By express or freight, pk., $1.00; bu., $4.00.**

Large Black Eye—**Qt., 40c; postage paid. By freight, pk., $1.00; bu., $3.60.**

Sugar Crowder—**Qt., 50c; postage paid. By freight, pk., $1.25; bu., $4.50.**

Lady Peas—**Qt., 50c; postage paid. By freight, pk., $1.25; bu., $4.50.**

Vetches

Spring Vetch—Better for spring sowing than the Winter Vetch. A nutritious and valuable forage and soil-improving crop. Large and quick growth. Sow 50 lbs. to the acre. **1 lb., 25c; postage paid. By freight, pk., $1.25; bu., 50 lbs., $4.00.**

Hairy Sand, or Winter Vetch—Sow from July to November, preferably with grain, which will hold vetch off the ground. Sow 50 lbs. to the acre. With grain, 1 peck to the acre. **1 lb., 35c; postage paid. By freight, pk., $2.25; bu., 50 lbs., $8.00.**

FREE—One Hand Broadcast Seed Sower

With every cash order of Grass Seeds, Clover, Oats, etc., amounting to $20.00 or more at catalogue prices, we will give you free one excellent Broadcast Seeder. This machine will do fine work, sow evenly and well all kinds of grains, clover, grass, cow peas, sorghum seeds. We will send it free on orders as stated above. **Don't fail to take advantage of this liberal offer.**

Buckwheat

For a late summer crop Buckwheat is very desirable and profitable. It is easily grown, makes a splendid flower food for bees and a large yield of grain, and is also valuable for turning under as an improver of the soil. Sow from one-half to three-fourths bushels per acre.

Japanese—This variety yields very largely. The kernels are larger than other sorts, but owing to its branching qualities it need not be sown so thickly. **1 lb., 30c; postage paid. Pk., 50c; bu., $1.75.**

Silver Hull—A superior variety in every way to the ordinary Buckwheat, which it has almost entirely superseded. **1 lb., 25c; postage paid. Pk., 50c; bu., $1.50.**

Cow Peas Mixed with Soja Beans

The advantage of sowing Cow Peas with Soja Beans for hay is that the strong stiff stalk of the beans hold up the peas so that they can be cut better and they cure better and make better and more hay than peas grown alone. **Bu., about $2.25; 5 bu., $11.00.**

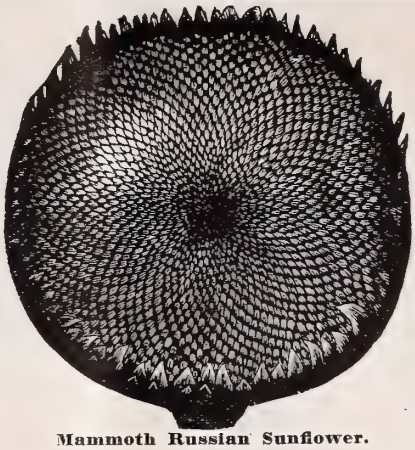
Speltz or Emmer

A grain especially suited for dry lands. Being semi-hardy, it can be sown very early in the spring, like oats. Emmer grows best in the dry prairie regions with hot summers, and even does well in poor or stony ground. It is a better drouth and rust resister than either oats or barley, and it also yields considerably better. The feeding value is high. **1 lb., 15c; 3 lbs., 40c; postpaid. Bu., 40 lbs., $1.50; 5 bu. at $1.40 per bu., bags included.**

Prices Subject to Change Without Notice

In compiling this catalogue we have endeavored to make prices that will hold good during the entire season; in some cases, however, this is impossible, therefore we reserve the right to change any of the prices named herein without notice.

Jerusalem Artichokes.



Mammoth Russian Sunflower.

Spanish Peanuts.

Peanuts

Plant in May, 12 inches apart, in 3-foot drills. Cultivate flat and keep well worked. Peanuts should be shelled before planting. Use 1 bu. (22 lbs.) of unhulled nuts to the acre.

Spanish—Nuts small, and have a thin hull, full kernel and yield enormously. The vines and roots make excellent feed for stock. **1 lb., 25c; postage paid. By freight, 1 lb., 15c; bu., $2.00; 100 lbs., $8.00.**

Tennessee Mammoth Red Peanuts—Easily cultivated; very erect stems and upright foliage, and the largest pods and kernels of any variety. **Pkt., 10c; ½ lb., 20c; 1 lb., 35c; postage paid. By freight or express, 1 lb., 25c; 5 lbs., $1.00; bu., 22 lbs., $2.50.**

Mammoth White Virginia—Largest size; white variety. **Pkt., 10c; ½ lb., 20c; 1 lb., 35c; postage paid. By freight or express, 1 lb., 25c; 5 lbs., $1.00; bu., 22 lbs., $2.25.**

New Mammoth Bush Peanut

This is the largest peanut grown. The pods measure an average of 2¼ inches in length and 1¼ inches in diameter; thick shelled and deep ridged. The kernels are light color, 1⅛ inches long and ½ inch in diameter; splendid bearer; a dozen of the peanuts have been known to produce a bushel. **Pkt., 10c; ¼ lb., 25c; 1 lb., 60c; postage paid. By express, not prepaid, 1 lb., 50c; 3 lbs., $1.25; ½ pk., $1.50.**

Russian Sunflower

It is immensely productive and can be raised cheaper than corn, as any waste piece of ground will suffice. It is the best egg-producing food known. **By mail, 1 oz., 10c; ¼ lb., 15c; 1 lb., 25c. By freight, 10 lbs., 75c; 25 lbs., $1.50.**

Artichoke

White French, or Jerusalem—Produces enormous quantities of tubers, which furnish a highly nutritious and fattening feed for hogs. They grow in almost any soil, the richer the soil the larger the crops. Plant the same as Irish potatoes, cutting the tubers in pieces, one eye to each piece. Drop the pieces 15 to 20 inches apart in rows 3 to 3½ feet apart, covering with about 2 inches of soil. They may be planted from January until April. Four bushels will plant 1 acre. **1 lb., 25c; 3 lbs., 50c; postage paid. By freight or express, pk., 75c; bu., 50 lbs., $2.00.**

Barley, Champion Beardless

This barley grows entirely without beards, which have always been so objectionable when barley is used for feeding stock. With this new variety this objection is entirely removed, and barley can now be raised and fed the same as oats or wheat. It makes excellent feed for horses, hogs and other stock. It is easily raised and yields large crops on good land. **1 lb., 35c; postage paid. Pk., 60c; bu., 48 lbs., $2.00; 5 bu., $9.00.**

Castor Beans

Are largely grown in the West, and have paid well the last few years. Will do well on any good corn land. One bushel plants 15 acres. **Per lb., 20c; postage paid. By express, pk., 75c; bu., 50 lbs., $2.25.**

Upland Rice

An early variety which can be grown on any ordinary land without irrigation, although it prefers a moist situation. Its growth is similar to wheat. Sow early in drills 2 feet apart, and drop the seeds one inch apart in drills, covering about 1½ inches; one peck per acre. It stools out very heavily. **¼ lb., 15c; 1 lb., 40c; 3 lbs., $1.00; postage paid. By express or freight, ½ pk., 65c; pk., 11 lbs., $1.40; bu., 44 lbs., $4.50.**

Early Wonder Spring Wheat

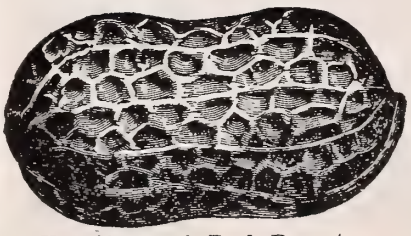
Early and prolific, medium size heads, well filled, plump kernels, stools heavily and is one of the finest milling varieties. It has been grown for years in the extreme north, which assures its hardiness in all sections of the country. **1 lb., 25c; postage paid. By freight, pk., 75c; bu., 60 lbs., $2.25.**

New Sensation Oats

A fine new heavy oat, which is proving, wherever planted, to be one of the best and most reliable cropping of Spring Oats. It makes a large, heavy grain, of beautiful white appearance, making a large, well-filled kernel, and is of high nutritive feeding qualities. We have only been able to secure a limited quantity of this fine oat to offer to our customers this year, but we recommend to our customers to experiment freely with it, as we believe it will prove to be one of the largest cropping and most desirable white Spring Oats in cultivation. **Pk., 50c; 1 bu., 90c; 10 bu., $8.50.**

Cultural Directions FREE

For several years we printed cultural directions on the backs of packet and ounce bags. This year we have them printed in the form of a little booklet—a copy of which is sent with every order for garden or flower seeds amounting to 25c or more. Do not fail to ask for these special instructions.



New Mammoth Bush Peanuts.

Early Wonder Spring Wheat.

High Grade Fertilizers

Best Results From the Soil—If you want to obtain the best results from the soil, we are compelled, by sheer necessity, to use commercial fertilizers, and you cannot help yourself.

It serves no good purposes to use plenty of nitrogen and fall short on phosphoric acid and potash; to use phosphoric acid and fall short on nitrogen and potash; or to use potash and fall short in phosphoric acid and nitrogen, because neither two of the three will compensate for the absent one, no matter how great the quantity. There is only one way to do; that is to use a complete fertilizer in which these elements are embodied, and each will perform its particular function.

On some occasion you have more than doubled the yield. Such results are not rare, and each year are becoming more numerous. It is simply the outcome of intelligence and industry more forcibly applied and more forcibly attended to. When you begin to understand and fully appreciate the nature of the soil you tend, and when you awake to the fact that in the liberal use of fertilizers in a complete form you are storing great wealth in your lands, you will not be far off the heels of the other fellow.

Let your slogan be "fancy farming" if you will, supplemented with heavy fertilization. See that it is indelibly stamped on the minds of all, this fact: If one man can grow three bales of cotton on an acre, so can you do the same, a fact well known and authenticated.

Directions for Using Fertilizers

For Corn—When sown broadcast, use 200 to 400 pounds to the acre. If applied in the hill, use 1 handful to 2 or 3 hills, mixing it with the soil or scattering it somewhat. Do not let seed come in contact with fertilizer.

For Cotton—Open up a furrow, put down 200 to 300 pounds, then cover, then plant seed. Or you can apply after thinning the plant to a stand, using a Columbus Fertilizer Distributer, drilling the fertilizer about 6 to 8 inches from the plants.

For Potatoes—Apply 400 to 600 pounds per acre of Truck Grower in the rows or hills.

For Grass—Apply at any time during the spring or fall, 300 pounds per acre, broadcast.

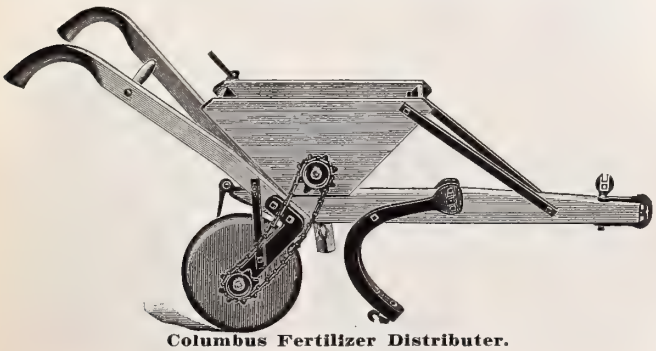
For Beans, Peas and Garden Vegetables—Apply 300 to 400 pounds per acre, broadcast, and rake or harrow it before planting the seed.

For Tomatoes—The usual plan is to furnish each plant with a small handful at transplanting time, well mixed with the soil.

For Wheat or Rye—Drill in with the grain at the rate of 250 pounds per acre, or more, if preferred.

Columbus Fertilizer Distributer

A decided improvement over other machines for spreading fertilizers. The hopper is large and well braced, arms very heavy and strongly braced, making them perfectly rigid. The slot in the bottom of the hopper is larger than in any other distributer, and the amount of fertilizer can be regulated perfectly by the lever or cut-off entirely at will. The manufacturers, after exhaustive tests, have reached perfection in making the Columbus Distributer, improving all the weak points as experience has developed them in other makes. Weight, 60 pounds. **Price, $4.50 each.**



Columbus Fertilizer Distributer.

Schwill's Special Brands

Schwill's Truck Grower—Made especially for vegetables and garden crops. Analysis: 10 per cent. phosphoric acid, 4 per cent. potash, 4 per cent. nitrogen. **Per 100 lb. bag, $2.00; per ton, $34.00.**

Schwill's Corn Grower—Prepared to give increased yield on corn crop. Analysis: 12 per cent. phosphoric acid, 1 per cent. potash, 1 per cent. nitrogen. **Per 100 lbs., $1.50; per ton, $25.00.**

Schwill's Cotton Grower—Especially recommended for cotton, which needs plenty of potash. Analysis: 10 per cent. phosphoric acid, 2 per cent. potash, 1 per cent. nitrogen. **Per 100 lbs., $1.50; per ton, $26.00.**

Schwill's Acid Phosphate—Splendid for making compost or mixtures. 14 per cent. analysis: **Per 100 lbs., $1.00; per ton, $17.00.** 16 per cent. analysis: **Per 100 lbs., $1.25; per ton, $18.00.**

Ground Limestone

Use ground lime dust on your alfalfa, red clover and grasses and you will get results. Sow broadcast, then plow or disc harrow in 1,000 to 2,000 pounds of it on an acre of land about 2 weeks before sowing seed. **100 lbs., 75c; per ton, $8.00. Sacked f. o. b. Memphis. In car lots we can make very low prices. Write us.**

Raw Chemical Material

Nitrate of Soda—This is the most soluble and quickly available form of Nitrogen or "Ammonia." It is of great benefit in forcing a strong, luxuriant growth in plants. It is especially valuable for cabbage, cauliflower, beets, carrots, onions, potatoes and similar crops, as well as for grass, grain, fruits and flowers. Use 100 lbs. to an acre. **25 lbs., $1.25; 100 lbs., $4.00; per ton, $64.00.**

Pure Bone Meal—Invaluable for top dressing lawns. Nothing is better for fertilizing young fruit trees, grape vines, roses, etc. **5 lbs., 30c; 10 lbs., 40c; 25 lbs., $1.00; 50 lbs., $1.50; 100 lbs., $2.50.**

German Kainit—Guaranteed 12 per cent. potash. **100 lbs., $1.25; ton, $19.00.**

Muriate of Potash—Guaranteed 38 per cent. potash. **100 lbs., $3.50; ton, $60.00.**

Sulphate of Potash—Guaranteed 40 per cent. Potash. **100 lbs., $4.00.**

Land Plaster or Gypsum—Is largely used as a fertilizer for clover, corn and other crops. Excellent to mix with paris green at the rate of 100 lbs. of plaster to 1 lb. of paris green to kill bugs, worms, etc. **50 lbs., 75c; 100 lbs., $1.00; 200-lb. sack, $1.25; per ton, $9.50.**

Wizard Brand Sheep Manure—Nature's own fertilizer, absolutely pure and best to use on lawns and flowers. **5 lbs., 30c; 25 lbs., $1.00; 100 lbs., $2.50. By express only.**

Schwill's Lawn Fertilizer—A very rich, pure, natural manure, especially prepared for lawns. **10 lbs., 50c; 100 lbs., $2.50; per bag of 200 lbs., $4.00.**

Sterlingworth Plant Tablets

A new odorless invigorator for house plants; increases growth of plant and doubles the bloom. **Two sizes, 10c and 25c per box.**

Sterlingworth Lawn Compound—**5 lbs., 75c; 10 lbs., $1.25.**

"Bonora," Nature's Plant Food—The recognized fertilizer of modern times. Fine for all pot plants, palms, etc. **Trial size, ¼ lb. pkg., 25c; by mail, 30c. 1 lb. size pkg., 50c; by mail, 65c. 5 lb. size pkg., $2.50; by express.**

Walker's Excelsior Plant Food—Produces rich, green growth and profusion of flowers. **Pkt., 20c; by mail, 30c.**

Ammoniated Lawn Lime Fertilizer—Will help kill out all weeds, makes the grass grow luxuriantly. **2 lbs., 25c; 5 lbs., 50c; 25 lbs., $2.00.**

Insecticides

It pays you to spray. Don't let the insects ruin your orchard. Try spraying this spring. You will be well repaid for your expense and trouble. Directions for applying the different preparations are printed on the package. Prices are f. o. b. Memphis, purchaser paying carrying charges unless noted otherwise. Dry powder and soaps—non-poisonous—can be forwarded by mail. Postage, 16c per lb. additional. Liquid insecticides are not permitted in the mails.

Order early. Fruit trees should be sprayed late in winter or very early in spring. Have the material on hand and do the work at the right time. You can raise good fruit by systematic spraying.

When and What to Spray

TREE.	First Application.	Second Application.	Third Application.	Fourth Application.
APPLE.	Lime Sulphur Solution during January and February.	Just before blossoms open, Bordeaux Mixture.	When fruit is set, Arsenate of Lead.	Spray growing fruit with Arsenate of Lead.
PEACH.	During January and February—Lime Sulphur Solution.	Before buds swell, Copper Sulphate Solution.	When fruit is set, Bordeaux Mixture.	14 days later Bordeaux with Arsenate of Lead.
PLUM.	January—Lime Sulphur Solution.	Before buds swell, Copper Sulphate Solution.	When fruit is set, Bordeaux Mixture.	14 days later Bordeaux with Arsenate of Lead.
PEAR.	January—Lime Sulphur Solution.	For blight, cut out all affected branches.	After blossoms have fallen, Bordeaux Mixture.	20 days later Bordeaux with Arsenate of Lead.
CHERRY.	January—Lime Sulphur Solution.	For black knot and rot Bordeaux when fruit is set.	14 days later repeat Bordeaux with Arsenate of Lead.	If aphis appears, use Kerosene Emulsion.
GRAPEVINE.	Before buds break, Copper Sulphate Solution.	When fruit is set, Bordeaux Mixture.	14 days later. Bordeaux Mixture.	14 days later Bordeaux with Arsenate of Lead.

For fungus diseases, use at all times Bordeaux Mixture. For lice and chewing insects and aphis, use Kerosene Emulsion. On roses, use Fir Tree Oil Soap solution for green fly. For caterpillars, use Arsenate of Lead. For mildew, use Lime Sulphur.

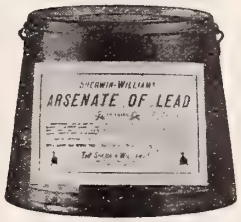
S. & W. Lime Sulphur Solution

For the Cure and Prevention of the Dreaded San Jose Scale.

For use in the dormant period. This material combines the great fungicidal properties of sulphur with the scale remedy, and is specially recommended for peach and plum trees, which need the combined treatment in the fall and spring. **Qt., 35c; 1 gal., 70c; 5 gal., $3.00. Barrel lots, 30c per gal.**

Arsenate Lead

To control Codling Moth, Curculio and all leaf-eating insects. Specially recommended for treating all lawn shrubbery, such as rose bushes and all tender plants; also for all garden plants and particularly for potatoes. It sticks to the plants and is absolutely free from any danger of burning. Better than paris green. Paste form. **1 lb can, 25c; 5 lb. jar, $1.00; 25 lb. jar, $4.00; 100 lb. keg, $15.00. Dry Powdered Form: 5 lbs., $1.50; 100 lb. keg, $22.00.**



Bordeaux Mixture

The greatest fungicide known. Recommended for rust and scab and all kinds of rot. Paste form. **Bordeaux in pulp, qt., 40c; 1 gal., $1.25. Dry Bordeaux Mixture, 10 lb. bag, $1.25. Paste Form Bordeaux Mixture, 25 lb. jar, $2.50.**

Bordeaux-Arsenate Lead Mixture—This is a combined fungicide and insecticide, specially recommended for apple and pear trees, also for potatoes, melons and cucumber vines. **Qt., 50c; 1 gal., $1.75.**

English Compound—Sure death to potato bugs and all other insects. Should, however, be used very carefully, being poison. **By mail, 1 lb., 25c. By express, 1 lb., 10c; 10 lbs., 50c; 100 lbs., $2.50.**

Acre an Hour Sifter

A splendid little hand implement for applying Bug Death; does the work better and saves wasting. **Price, each, 75c.**

Miscellaneous Insecticides

Kerosene Emulsion (Liquid)—This is strictly an insecticide for plant lice of all kinds, rose bugs, cabbage bugs, melon insects, fowl, human and animal lice, caterpillars, tobacco flies, peach lice, red spiders, green fly and all sucking insects. **Qt., 40c; 1 gal., $1.25.**

Bug Death—A new powder that effectually takes the place of paris green and other dangerous and poisonous insecticides. Absolutely safe to use, as it contains no poison whatever. Send for circulars. **By mail, 1 lb., 30c. By express, 1 lb., 15c; 5 lb. pkg., 50c; 12½ lb. box, $1.00; 100 lb. keg, $7.50.**

Hammond's Slug Shot—Specially recommended for destroying cabbage worm and other insects that prey on vegetation. Non-poisonous to human life. **By mail, 1 lb., 30c. By express, 1 lb. carton, 15c; 5 lb. pkg., 35c; 10 lb. pkg., 60c; 100 lbs., $5.00.**

White Hellebore—A non-poisonous powder for destroying cabbage worms, bugs and lice on vegetables. **½ lb., 25c; 1 lb., 40c. By mail, 15c per lb. additional.**

FIR TREE OIL SOAP.

For destroying all insects that infest fruit trees and plants, such as mealy bugs, red spider, green fly, etc. **½ lb., 25c; by mail, 35c.**

Copper Sulphate Solution—For plant life of any kind, cabbage worm, scale insects on apple, pear and other trees. **Price per qt., 50c; 1 gal., $1.25.**

Weedicide—Kills and eradicates weeds of all sorts by simply sprinkling the liquid on them. For yards and lawns, walks, drives. **1 gal. jug, $1.00.**

Tobacco Dust—For insects on poultry and in poultry house. **Per lb., 15c; 5 lbs., 35c; 25 lbs., $1.25.**

Dalmatian, or Persian Insect Powder—One of the safest insecticides for all insects. **½ lb., 25c; 1 lb., 40c. By mail, 15c lb. extra.**

Paris Green—**1 lb., 35c; 2 lbs., 65c; 5 lbs., $1.50; 100 lb. keg, $22.00. By mail, 1 lb., 52c.**

Rose Leaf Tobacco Extract—**Cans, 35c.**

Scale Destroyer, Target Brand—**1 qt., 50c; 1 gal., $1.50.**

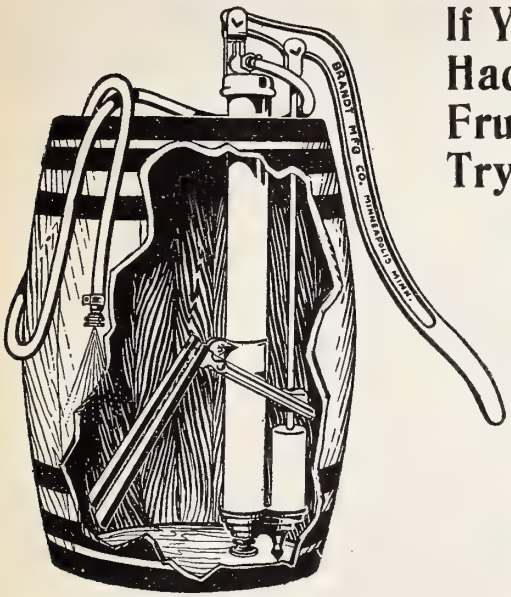
Sulpho Tobacco Soap—**½ lb., 20c. By mail, 30c.**

Whale Oil Soap—**¼ lb., 15c; 1 lb., 25c; 5 lbs., $1.00. By mail, ¼ lb., 20c; 1 lb., 40c.**

Descriptive Catalogue of Poultry Supplies FREE

S-W BORDEAUX MIXTURE (PASTE) is a widely used fungicide for garden use, put up in convenient paste form. This preparation is particularly effective in checking mildew and other fungus diseases. S-W Bordeaux is easily prepared as all that is needed is the addition of water and it is ready to use. Retains its strength indefinitely.

Spray Pumps



The King Barrel Spray Pump.

If You Have Not Had Successful Fruit Crops—Try Spraying

Trees cannot thrive when infested with the different kinds of sucking, biting and chewing insects. They cannot produce high grade fruit—nor much of any kind. Systematic spraying will not only increase the quantity of your fruit crop, but will wonderfully improve the quality as well. Thousands of fruit growers owe their present success to a good spray pump—after they had practically given up the hope of ever getting a good crop again.

Myers' Improved Orchard Barrel Spray Pump No. 305.

Myers' Improved Orchard Barrel Spray Pump No. 305—Has bronze ball valves and brass seats, hemp packed plunger. Complete with 5 feet of ½-inch 3-ply discharge hose and Bordeaux nozzle. **Price, without barrel, $9.00; with patent agitator, $10.00; with one 6-foot extension pipe, $10.50.**

Myers' O. K. Spray Pump—This is a very heavy, large sprayer for orchards. Has solid brass ram plunger, ground bevel valves and seat, with mechanical agitator and a special clamp for attaching to the barrel. **Price with 15 feet 7-ply ½-inch hose and vermorel nozzle, without barrel, $18.00; with two leads of hose, $22.00.**

Myers' Steel Barrel Cart—This outfit carries one Myers Pump with nozzle and hose, one barrel and one steel cart, ready for spraying. **Price, $23.50.**

Ideal Spraying Outfit

For small orchard, garden and farm. It is better than a knapsack sprayer and does not cost so much as larger sizes. Holds 15 gallons, is mounted so will not spill, and is easy to handle and operate. Bronze valves, removable, air pressure of 100 lbs. is easily had and kept. Has mechanical agitator and a strainer.

Fine Whitewash Sprayer—Equipment: 10 ft. ⅜ inch pressure hose, 10 ft. 3 pc. pipe extension, 1 T shut off cock, 1 Brandt nozzle. Weight, 65 lbs. **Price, $18.00.**

Gould "Pomona" Barrel Spray Pump

This is the best barrel spray pump on the market. Strong, durable, powerful. Working parts are bronze. No leather valves. Plunger outside packed. An agitator that agitates. Made for side or end of barrel. No trouble to attach. New barrel plate allows withdrawal from barrel without disconnecting agitator. **Price with barrel, pump 10 feet hose, with connections and Gould nozzle, each, $14.00.**

The "Easy" Compressed Air Sprayer

The only one of its kind on the market. Strong, durable and attractive. Has a large and strong pump, automatic shut off nozzle, legs under tanks. Can be used for whitewashing, disinfecting and cleaning chicken houses, and is very desirable for large gardens, etc. It is built of galvanized steel or brass, as ordered. Holds 1 gallon. **Galv. tank, each, $2.50; brass tank, each, $3.50; whitewash caps, 50c each extra.**

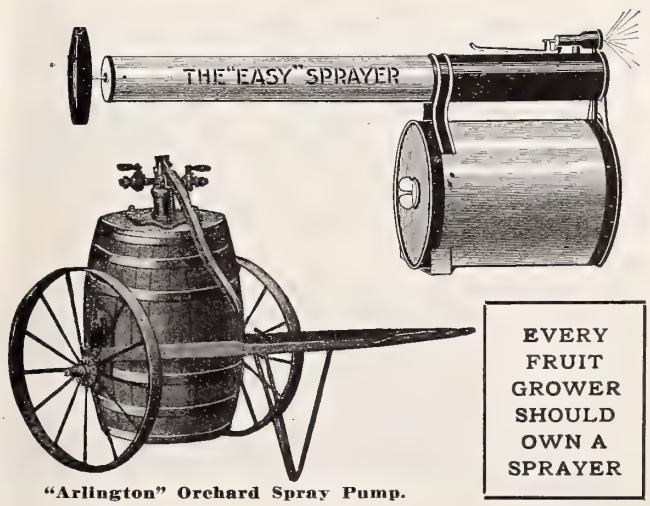
"Arlington" Orchard Spray Pump

A complete sprayer for large orchards and a decided improvement over the common type of submerged barrel sprayer. Several weak points which developed in other rigs have been very much strengthened and our method of mounting renders all parts readily accessible from the top, while the entire pump can be easily removed from barrel for cleaning or repairs.

Outfit DD—Consists of pump with agitator and barrel, 2 brass shut offs, brass hose nipples, mounted on 2 wheeled cart, having iron wheels, 2½-inch tires, with spray hose and nozzle. **$28.00.**

The King Barrel Spray Pump

The King Pump is in the front rank of all sprayers of its class. It is a medium price outfit for the every-day farmer, fruit grower and gardener. The pump is made in one size, with 1¾ inch brass tube cylinder, has brass ball valves and valve seats, and brass plunger with improved packing. The air chamber is ample in capacity, and is made of 2¼ inch boiler tubing. The discharge connection is fitted for ½ inch hose, without barrel. **Price, $12.00, with hose and Brandt's improved misty nozzle.**



"Arlington" Orchard Spray Pump.

EVERY FRUIT GROWER SHOULD OWN A SPRAYER

Simplex Sprayer.

The Lenox Fountain Sprayer.

Auto Spray Pump.

Spray Pumps, Atomizers, &c

THE AUTO SPRAY PUMP No. 1.

The "Auto Spray" No. 1 works automatically for six to fifteen minutes, according to the nozzle opening. It may be charged in fifteen seconds by a few strokes of the plunger, and two pumpings will usually discharge the entire contents. Simply fill two-thirds full of solution and pump up air pressure. Diameter, 7 inches; height, 2 feet; capacity, 4 gallons.

A—Brass tank with stop cock **$7.50**
B—Brass tank with Auto Pop No. 1 ..... **8.00**
C—Galvanized tank with stop cock **5.00**
D—Galvanized tank with Auto Pop No. 1 ..... **5.50**
Auto Pop Attachment with hose **1.50**
Brass 2-ft. extension, per length ..... **.50**
Brass elbow extension ..... **.30**
Strainer for Auto Spray Pumps, solid brass **1.00**

THE LOWELL COMPRESSED AIR SPRAYER.

The air enters the sprayer through the valve at bottom of pump, thoroughly agitating and mixing the contents of sprayer. The compressed air, being powerful, forces the liquid out through the outlet pipe, making either a fine spray or a solid, continuous stream, as desired. This size machine holds from 3 to 4 gallons. Made of galvanized iron or brass. **Price, galvanized iron, $5.00; 2 ft. extension pipes, each, 40c; elbows for spraying under leaves, 50c.**

"SIMPLEX" SPRAYER.

The "Simplex" Sprayer is without question the most successful machine of its kind on the market. It is fully guaranteed by the manufacturers to give perfect satisfaction. The pressure is maintained high and even with the pump that is under perfect control at all times.

No. 1—Brass Tank Simplex Sprayer, each **$7.50**
No. 2—Galvanized Tank Simplex Sprayer, each **5.75**
2-foot Extension Pipes, each ..... **.50**
No. 2 Brass Cap for whitewashing, each ..... **.50**

The Lenox Fountain Sprayer—This sprayer is worked by pressing a rubber bulb which is attached to the end of the hose. It surely is very beneficial for spraying small plants, such as cabbage, potatoes, cauliflower, etc.; also for young trees and grape vines, especially when using mixtures for insecticides, etc. This is the cheapest knapsack in the market; very durable and will pay for itself in a short time. **Price complete, $6.00.**

Myers' Whitewashing and General Purpose Sprayer, Wonderful Power and Capacity—Tank extra heavy, galvanized steel; holds 8 gallons and has reinforced cover. Cylinders extra heavy, 1½ inches in diameter; brass ball valves and 3-ply hose. Suitable for applying whitewash and cold water paints, and will do the work of five men with brushes. **Price, $10.00 each.**

Myers' Knapsack Sprayer—The best compressed air knapsack Sprayer. **Price with galvanized iron tank, $7.50; with copper tank, $12.00.**

Brandt's Perfection Compressed Pump—A light, compact compressed air sprayer with reliable, durable valves and complete equipment for efficient service. Will spray whitewash. **Galvanized iron, $4.50; brass, $6.75; 2½ ft. extension pipes, 50c each extra; whitewash caps, 50c each extra.**

Hand Atomizers

These are very useful in the poultry house for applying liquids, also fine for spraying small plants, roses, shrubs, etc. Our line is the most complete in the city.

Faultless Hand Atomizer—Capacity, 1 quart. The best sprayer made. Throws a spray as fine as mist, rendering the use of strong solutions safe on tender foliage plants, or in poultry houses; it forces the fluid into every crevice. **Each, 40c; 3, $1.00.**

Compressed Air Atomizer—Makes a continuous spray; easier to operate and much superior to the ordinary kinds of sprayers. **1 qt. size, 75c. By express only.**

Lee's Hand Sprayer—Each, 50c.
The Reed Double Tube Atomizer—Each, $1.00.
Rome Tin, long barrel Atomizer—Each, 50c.

The Midget Atomizer—Holds 1 pint; light, but well made, and will do fine work. **Price, each, 35c.**

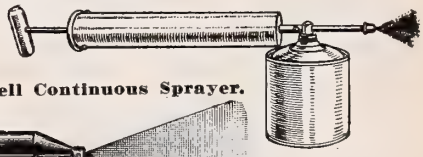
Glass Tank Sprayer—They have a screw cap where jar is filled. A perfectly dry pump, when plunger is drawn back no solution is sucked back into pump cylinder. This leaves valves always dry and pliable and ready for use. Will spray up as well as down. Solution tank is a 1-quart Mason glass fruit jar. **Price, each, 75c.**

Champion Greenhouse Syringe—With two roses. **Each, $4.50.**
Scollay's Rubber Sprayer—Angle neck. **Each, $1.00.**
Scollay's Rubber Sprayer—Plain top. **Each, $1.00.**

Dry Powder Duster—This is for dusting Slug Shot, Bug Death or any insecticide in a powdered state. **Price, 60c.**

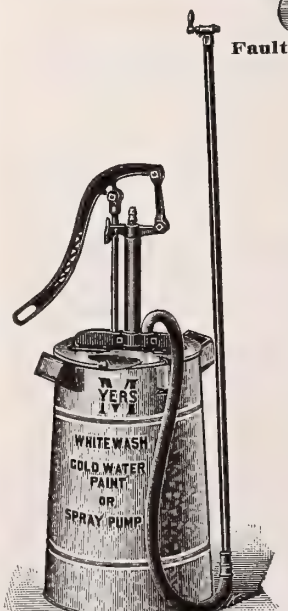
THE LOWELL CONTINUOUS SPRAYER.

This new Compressed Air Sprayer throws a continuous fine mist or coarse spray, which is accomplished by turning the little brass nozzle backward or forward. It is adapted for all kinds of spraying purposes, and can not be excelled for killing potato bugs, using paris green and water, as well as for spraying all kinds of vegetable plants, shrubbery, grape vines, etc. Quart size. **Each, 75c.**



The Lowell Continuous Sprayer.

Faultless Hand Atomizer.



Myers' General Purpose and Whitewashing Sprayer

Bucket Pumps

Gould Bordeaux Pumps—For whitewashing, window washing, buggy washing, tree spraying, etc. Many poultrymen have become tired of whitewashing their poultry houses in the old way—with a brush—and are looking for an effective spraying pump at low cost, that will do the work satisfactorily and with far less trouble. We offer such a pump in the Gould Brass Spray Pump, illustrated herewith. The pump is furnished with a Bordeaux nozzle, which may be graduated to give a solid stream or a coarse or fine spray. **Each, $4.50.**

The Smith No. 26 All Brass Spray Pump—A splendid sprayer; will throw a solid stream 50 feet; has large air chamber, making it one of the best bucket pumps on the market. **Each, $2.50.**

Myers' Imperial Bucket Spray Pump No. 325—With patent agitator, fitted with malleable foot rest, graduated vermorel nozzle, and return overflow cap. **Each, $3.00.**

The Standard Spray and Whitewash Pump—Throws a stream 40 feet and makes a spray as fine as mist. Has no equal for spraying trees, flowers, lawns, gardens. Spray your cattle, hog or poultry houses with it. We furnish a separate nozzle for whitewashing. **Complete, each, $4.50.**

The "Lightning" Whitewash Sprayer and Force Pump—This pump is used for a bucket spray and force pump, as well as for whitewashing. It will throw a stream 35 feet high. **Tin, each, $1.50; brass, each, $2.25.**

Douglass No. 259 Bucket Pump—A high grade bucket sprayer. Cylinders are all brass tubing; brass valves and balls, adjustable to any size pail or bucket. **Each, $5.00.**

Junior No. 5 Bucket Pump—All brass, easy to operate; light weight, but a durable pump. **Each, $2.75.**

Spray and Hose Nozzles

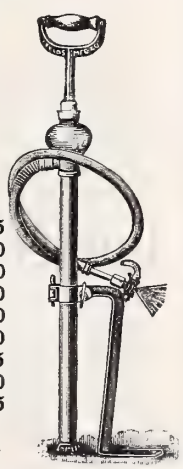
Vermorel Nozzle, ½ inch thread, each	$ .75
Bordeaux Nozzle, ½ inch thread, each	.75
Misty Spray Nozzle, ½ inch thread, each	1.00
Gem Hose Nozzle, ¾ inch thread, each	.50
Fairy Hose Nozzle, ¾ inch thread, each	.50
Misty Hose Nozzle, ¾ inch thread, each	.50
Universal Hose Nozzle, ¾ inch thread, each	.50
Myers' Power Nozzle, ½ inch thread, each	1.50

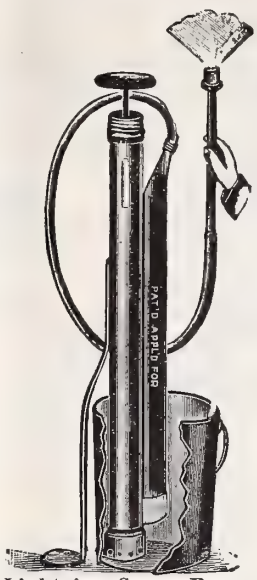
Dry Powder Sprayers and Dusters

Lowell Dry Powder Sprayer—Each, $1.00.
Smith Dry Powder Sprayer—Each, $1.00.
Dickey Bug Death Duster—Each, 25c.
Insect Powder Gun—Each, 15c and 25c.
Tin Dusters—½ gal., 35c; 1 gal., 50c.
Acme Powder Bellows—Each, $1.25.
Acre an Hour Sifter—Each, 75c.

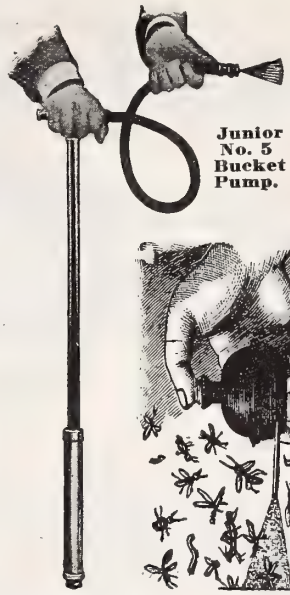
Water or Sprinkling Pots

Reed's, Extra Heavy.	4 quart.	Each	$ .35
Reed's, Extra Heavy.	6 quart.	Each	.60
Reed's, Extra Heavy.	8 quart.	Each	.70
Reed's, Extra Heavy.	10 quart.	Each	.80
Reed's, Extra Heavy.	12 quart.	Each	1.00
Iron Clad.	4 quart.	Each	.30
Iron Clad.	6 quart.	Each	.45
Iron Clad.	8 quart.	Each	.60
Iron Clad.	12 quart.	Each	.75


Gould Bucket Pump.



Lightning Spray Pump.


Junior No. 5 Bucket Pump.

Hand Insect Powder Gun.

Garden Hose

Arno Hose—Pure rubber, ¾ inch, 50 feet, with couplings. **$10.00.**
Norka Hose—Red cover, ¾ inch, 50 feet, with couplings. **$7.50.**
Mezen Hose—Black cover, ¾ inch, 50 feet, with couplings. **$6.50.**
Motor—¾ inch, 50 feet, with couplings. **$5.00.**
Spray Pump Hose—½ inch, without couplings. **Per foot, 20c.**

Hose Attachments

Hose Reels—All iron frame. **Each, $3.50.**
Hose Reels—Wood frame. **Each, $1.00.**
Cooper's Hose Menders—Brass. **Each, 10c.**
Perfect Clinch Hose Menders—Brass. **Each, 15c.**
Perfect Clinch Hose Couplings—**Each, 25c.**
Standard Hose Couplings—¾ inch. **Each, 25c.**
Spray Hose Couplings—½ inch. **Each, 25c.**
Spray Hose Bands—**Each, 5c; doz., 30c.**
Sherman Hose Clamps—**Each, 5c.**
Rubber Washers—¾ inch. **2 for 5c.**
Brass Bands—¾ inch. **Doz., 30c.**
Pliers for Putting on Bands—**Each, 25c.**

Lawn Nozzles and Sprinklers

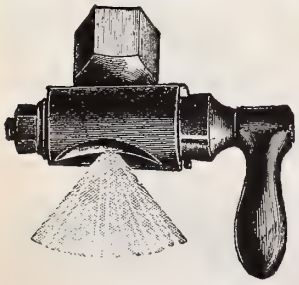
Champion Lawn Nozzle—**Each, 75c.**
Fountain Wave Sprinkling Nozzle—**Each, 75c.**
Rainbow Sprinkler—**Each, 50c.**
Elgin Lawn Sprinkler—**Each, 50c.**

The Family Set---Hose Menders

A Most Convenient Article for Mending Old Hose.
Hudson Hose Menders—Per box, 75c.
(Includes Bands, Tubes and Pliers.)
Hudson Hose Tubes—¾ inch. **Doz., 50c.**
Hudson Hose Bands—¾ inch. **Doz., 30c.**
Hudson Hose Pliers—**Each, 25c.**

Scollay's Plant Sprinkler

Acme Powder Bellows


Bordeaux Nozzle.

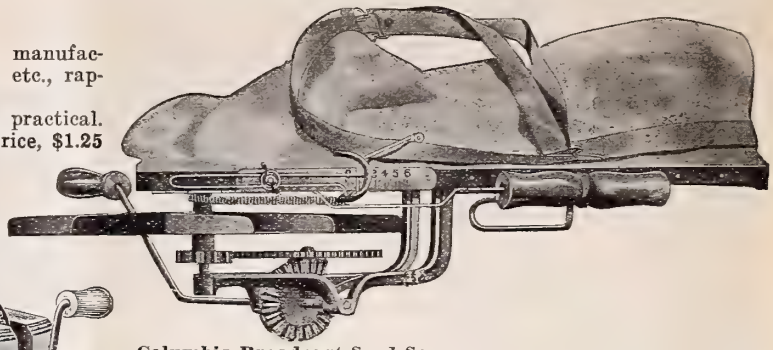
Water or Sprinkling Pot.

Lowell Dry Powder Duster.

Seed Sowers

Cahoon Broadcast Seeder—One of the best seeders manufactured, and sows all kinds of grain, clover seeds, etc., rapidly and evenly. **Price, $3.00 each.**

Little Wonder Seed Sower—Simple, strong and practical. Especially recommended for sowing grass seed. **Price, $1.25 each.**



Columbia Broadcast Seed Sower.

Cyclone Seed Sower—Will sow timothy, clover, oats, rye, wheat, millet, grass seeds, peas, sorgnum, etc. Distributes evenly, works perfectly; has an agitating feed plate, which insures a uniform flow of seed. **Price, $1.50 each.**

Thompson's Wheelbarrow Seeders—Will sow clover and grass seed, either mixed or separate; graduated to sow in any quantity per acre. Twenty to thirty acres can be sown daily by using this machine. **Each, $8.50.**

Columbia Broadcast Seed Sower—Durable and very strong; will sow accurately any kind of grass, clover, grain, sorghum or cow peas. One of the most simple seeders made. **Price, $1.25 each.**

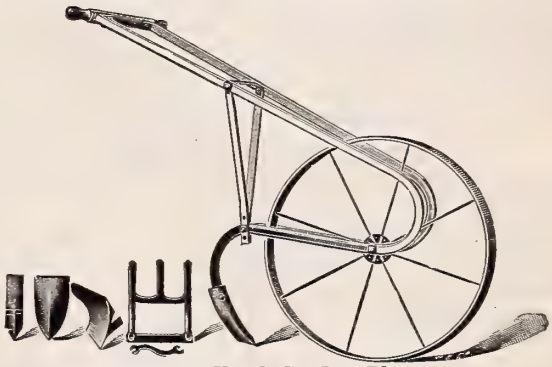
MASTERS' RAPID PLANT SETTER.

The only hand mechanical plant setter on the market; is built on scientific principles throughout. Its conical jaws are made of heavy sheet steel and the main body, or water reservoir and plant tube, of heavy tinned plate. The water valve is of brass, with rubber packing. All kinds of plants, such as cabbage, tobacco, tomatoes, cauliflower, strawberries, sweet potatoes, sugar beets, etc., are set in water and covered at one operation. Weight, empty, 4½ pounds. **$3.75.**

Standard Line of Garden Tools

This is a new line of garden tools made in Iowa, which promises to take a leading place among the gardeners. They are invented by a practical garden man, and do remarkably good work in all kinds of garden operations. The line embraces about a dozen different garden tools, but we have chosen a few of the best ones to offer here. Send for descriptive circulars of Standard Tools.

No. 4 Standard Double and Single Wheel Hoe, Cultivator, Rake and Plow.....Price $ 7.00
No. 12 Standard Single Wheel Hoe, Plow, Cultivator, Hill and Drill Seeder.....Price 11.00
No. 14 Standard Hill and Drill Seeder complete....Price 8.50
No. 22 Standard Single Wheel Hoe and Cultivator, Rake and Plow.....Price 5.90
No. 21 Standard Garden Cultivator, a splendid tool. Price 3.50



Leader No. 3 Garden Plow.

HAND GARDEN PLOWS.

The Leader No. 3—The most inexperienced and ignorant laborer on earth can handle this tool with entire success. All kinds of work can be done with this plow and combination of tools; plowing and breaking of the ground in spring and harrowing, cultivating, hilling and weeding. **Price, $2.50 each.**

Planet, Jr., Implements

The best tools on the market. On account of limited space we are unable to illustrate fully these splendid implements, but for the asking we will be pleased to mail a fully illustrated and descriptive catalogue. Quotations below are all f. o. b. Memphis.

GARDEN WHEEL HOES.

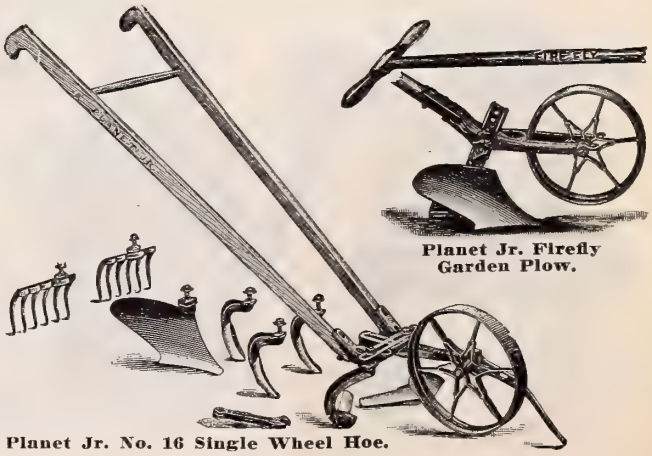
Planet Jr. No. 11—Double wheel hoe.....$ 9.00
Planet Jr. No. 12—Double wheel hoe..... 7.00
Planet Jr. No. 13—Double wheel hoe..... 4.75
Planet Jr. No. 14—Disc hoe 8.00
Planet Jr. No. 16—Single wheel hoe..... 5.85
Planet Jr. No. 17—Single wheel hoe..... 5.00
Planet Jr. Farmers' Friend—Single wheel hoe..... 3.75
Planet Jr. Firefly Hand Plow..... 2.35

HORSE HOES AND CULTIVATORS.

Planet Jr. No. 4—Without wheel .....$ 6.00
Planet Jr. No. 7—With wheel 8.50
Planet Jr. No. 8—Complete 9.00
Planet Jr. No. 9—Without wheel 7.00
Planet Jr. No. 9—Plain Cultivator, without wheel.... 5.75
Planet Jr. No. 4—Plain Cultivator, without wheel.... 4.50
Planet Jr. Harrow—Plain 6.20
Planet Jr. Harrow—With wheel 7.40
Planet Jr. Harrow—With wheel and pulverizer..... 9.00

GARDEN DRILL AND HILL SEEDERS.

Planet Jr. No. 1—Drill and wheel hoe.....$ 9.50
Planet Jr. No. 2—The best drill..... 7.50
Planet Jr. No. 3—Hill seeder 10.50
Planet Jr. No. 4—Hill and drill seeder..... 11.00
Planet Jr. No. 5—Large size seeder..... 13.00
Planet Jr. No. 6—Hill seeder, new..... 13.50



Planet Jr. Firefly Garden Plow.

Planet Jr. No. 16 Single Wheel Hoe.

Garden Tools, Grass Hooks, Etc.

Baskets for Strawberries

American Style. Standard Measure.

Quart Baskets, 50c per 100; $3.50 per 1,000.
Crates holding 24 qt. baskets, $2.00 per doz.; $15.00 per 100.
Tacks for making boxes, 1 lb., 50c.
The Baskets are made up and shipped nested.
Crates are shipped in the flat.
Leslie Wine Box, 250 for $1.00; $4.00 per 1,000.

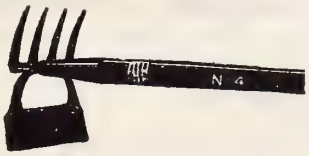
Baskets and Crates for Tomatoes and Peaches

1 gallon size, made, 50 for 75c; 100 for $1.25.
Crates holding 4 baskets, in flat, 12 for $1.50; 100 for $8.00.
Special prices made on larger lots.

Garden Hoe.

Garden Hoes

Hoes, Draw—Cast steel. **5 in., 35c; 7 in., 50c.**
Hoes, Draw—Planter's. Very useful, sharp cutting. **6 in., 40c; 7 in., 50c; 8 in., 60c.**
Hoes, Draw—Warren or "Bayonet" Hoes. **75c.**
Hoes, Onion—1 point, steel blade. **Each, 25c.**



Hoe and Rake Combined.

Hoe and Rake Combined—According to size, **45c to 55c.**
Hoes, Cotton—7 in., **50c**; 8 in., **60c each.**
Hoes, Mattock—Handled. **Each, 75c.**
Hoes, Crescent—Double bit. **Each, 75c.**

Manure Fork.

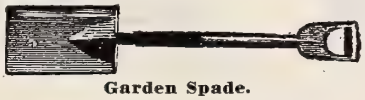
Manure Forks

Manure Fork—3 tine, long handle. **70c.**
Manure Fork—5 tine, long handle. **$1.00.**

Spading Fork.

Spading Forks

Spading Fork—4 prong. **Each, 75c.**
Hay Fork—3 prong. **Each, 60c.**
Potato Hook—4 prong. **75c.**
Potato Hook—5 prong. **$1.00.**



Garden Spade.

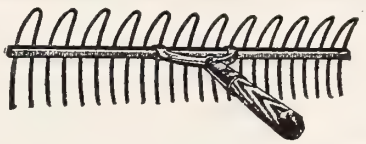
Garden Spades

Spades—Boy's or ladies' small. **60c.**
Spades—Best makes, full size. D-handled. **$1.00 to $1.50.**
Shovels—D-handle, square point. **Each, $1.00.**
Garden Sets—3 pieces, Rake, Shovel, Hoe. **Per set, $1.00.**

Steel Garden Rake.

Garden Rakes

Garden Rakes—Steel; 8 teeth.....**Each, 35c.**
Garden Rakes—Steel; 12 teeth.....**Each, 50c.**
Garden Rakes—Steel; 14 teeth.....**Each, 60c.**
Garden Rakes—Steel; 16 teeth.....**Each, 75c.**



Wire Lawn Rake.

Wire Lawn Rakes.....**Each, 50c.**
Wooden Lawn Rakes.....**Each, 50c.**

Grass Hook.

Hand Grass Hooks

American Steel, each.....**$ .25**
German Steel, each..... **.35**
Blue Ribbon Steel, each..... **.40**
Favorite Steel, each..... **.40**
English Finest Steel, each..... **.50**

Scythe Blade.

Scythe Blades, Etc.

German Steel Scythe Blade, 30 inches long, each.....**$1.00**
German Steel Scythe Blade, 32 inches long, each..... **1.00**
German Steel Scythe Blade, 36 inches long, each..... **1.25**
Waldran Steel Scythe Blade, 36 inches long, each..... **1.50**
Patent Scythe Snath, best quality, each..... **.75**
Scythe with Handle, complete **1.50**
Corn Knives—Best quality, each..... **.45**
Hay Knives—"Pine Knot," finest quality, each..... **1.00**
Scythe Stones, Darby, each..... **.10**
Scythe Stones, Talacre English, each..... **.15**

BEES IMPORTANT TO AGRICULTURE.

Few of us realize how important bees are to our farm, garden and orchard crops. If the bees and moths were exterminated this year there would be a failure of the clover seed crop; the same would be true of many vegetables and fruits.

Many flowers must be cross fertilized and it often requires some insect to do this. The apiary may thus serve a double purpose; furnish the family with sweets and increase seed, vegetable and fruit production.

JAPAN CLOVER.

Also called Lespediza; grows anywhere; after first year will produce two tons of finest hay per acre; perfectly hardy, lasts always. Well cultivated seed will be scarce again; buy early. **Price, 1 lb., 40c; postage paid. By freight, bu., 25 lbs., about $4.50.**

Pruning Knife.

Midget Norcross Weeder.

Combination Hand Weeder.

Hand Weeding Fork.

German Steel Garden Trowel.

Pruning Shears.

Ideal Plant Protector

Made of a heavy cardboard, thoroughly water and rain proof. The rain does not hurt them. The hail does not hurt them. They are simple, durable and easy to handle. The gardener who uses **IDEAL PLANT PROTECTORS** can safely sow seed two weeks earlier than usual, as they protect all tender plants, such as Tomato, Pepper, Cucumber, Squash, Egg Plants, etc., from frost. Made in two sizes—No. 10, 10 inches high and 10 inches in diameter, and No. 12, 12 inches high and 12 inches in diameter.

Price No. 10, 25c per doz., $2.00 per 100, $15.00 per 1,000.

Price No. 12, 30c per doz., $2.25 per 100, $18.00 per 1,000.

Special prices on larger quantities.

Hedge and Grass Shears

No. 8000— 8 inch Hedge Shears. **Each, $1.25.**
No. 8000— 9 inch Hedge Shears. **Each, $1.50.**
No. 8000—10 inch Hedge Shears. **Each, $1.75.**
No. 100— 6 inch Grass or Sheep Shears. **Each, $1.00.**

Pruners

The Favorite Pruning Saw—8 foot handles. **$1.50.**

Waters' Tree Pruners—One of the best made. Cuts limbs up to ¾ of an inch in diameter. **With 6 foot handle, $1.25; with 8 foot handle, $1.50; with 10 foot handle, $1.75.**

Pruning Saw—Double edge. **Each, $2.00.**
Pruning Shears—6 inch. **Each, 50c.**
Pruning Shears—7 inch. **Each, $1.00.**
Pruning Shears—Ladies'; nickeled. **Each, $1.50.**

Norcross Garden Cultivator

Best cheap tool made. You cannot afford to do without one. A small boy can operate it with ease. Tines can be adjusted or removed by simply turning a nut; a fine tool for all garden work.

Norcross Midget Hand Cultivator—Each, 35c.
Norcross Long Handle Cultivator—Each, 75c.

Wire Fruit Pickers

Fruit Pickers—Wire; with handles. **Each, 75c.**

Hand Garden Weeders

No. 1792, Long Handle Weeder—Each, 50c.
Eureka Garden Weeder—Each, 50c.
Excelsior Hand Weeder—Each, 25c.
Lang's Improved Weeder—Each, 25c.
Cleveland Lawn Weeder—Each, 75c.
Fitch Edger and Weeder—Each, 75c.
Strawberry Weeding Fork—Each, 25c.
Small Hand Weeding Fork—Each, 15c.
Combination Hand Weeder—Each, 50c.
Hand Hoe and Weeder Combined—Each, 50c.

Garden Trowels

Long Handle Trowel, German Steel—Each, 50c.
English Forged Steel—Each, 50c.
Best American Steel—Each, 25c.
Cleve's Angular—Each, 35c.
Ladies' Floral—Each, 25c.
Transplanting, Long Blade—Each, 25c.

Measures

Wooden—Iron bound,	1	qt.	**Each, 15c.**
Wooden—Iron bound,	2	qts.	**Each, 20c.**
Wooden—Iron bound,	4	qts.	**Each, 25c.**
Wooden—Iron bound,	1	pk.	**Each, 25c.**
Wooden—Iron bound,	½	bu.	**Each, 30c.**

Shaw's Calf Weaners

This Weaner is not only scientifically constructed, but is also thoroughly practical. **No. 1, for calves, each, 45c; No. 2, for yearlings, each, 55c; No. 3, for cows, each, 65c. By express only.**

The Hoosier Calf Weaners

Made with prongs; easily adjusted, works perfectly. **Each, 60c.**

Norcross Long Handle Cultivator.

Favorite Pruning Saw.

Long Handle Garden Trowel.

Eureka Hand Weeder.

Excelsior Hand Weeder.

Long Handle Weeder.

Garden Tools

Acme Hand Corn Planter.

Thermometer.

Segement Hand Corn Planter.

Prices quoted are all f. o. b. Memphis.

Veneer Tree Protector

Hawkeye Tree Protector—A sure protection against sun scald, rabbits, mice and other vermin. Keeps them from eating the bark on young trees. Made of the very best quality rock elm veneer, 12 inches long, 20 inches wide. **100, $1.50; 50, $1.00; 12, 30c.**

Hand Corn Planters

Acme Planter—Each, $1.00.
Segement Planter—Each, $1.25.

Grinding Mills

Black Hawk Grinding Mill—Adapted for grinding all kinds of grains and seeds, such as wheat, corn, rye, Kaffir corn, sunflower seed, etc., but cannot be used for bones or shells. **Price, $3.00.**

Model Grinding Mill—Fine or coarse; all kinds of grain, dry bones, shells, roots, bark, salt, feed for chickens and animals. Also for corn meal and Graham flour. **No. 1½, wt. 20 lbs., $2.50; No. 2, wt. 35 lbs., $4.45; No. 3, wt. 63 lbs., $6.55.**

Red Chief Grinding Mill—Something new, extra strong; grinds to any size all kinds of grain. **Price, $2.50 each.**

Rex Dry Bone, Shell and Corn Mill—This mill will grind dry bones, shells, all kinds of grain, gravel. **Price, $4.00.**

Corn Shellers

The Red Chief Corn Sheller—This sheller, although low in price, is guaranteed to do as good work as any sheller on the market. Clamps to barrel or box; adjusts itself to any size ear. **Price, $1.75.**

Old Dominion Corn Sheller—Strong, well made; does the work thoroughly and quickly. Shells small or large ears. **Price, $2.50 each.**

Black Hawk Corn Sheller—Price, $2.50 each.

Baskets

Basket, Standard—1 bu. stave. Doz., $1.50.
Basket, Standard—½ bu., stave. Doz., $1.40.
Basket, Market—½ bu. Doz., 40c.
Basket, Market—1 peck. Doz., 40c.
Basket, Market—½ peck. Doz., 40c.
Basket—Galvanized wire. 1 bu. Each, $1.25.
Basket—Galvanized wire. 3 bu. Each, $2.00.

Lawn Mowers

Lawn Mowers, Norka—12 inch. Each, $3.50.
Lawn Mowers, Norka—14 inch. Each, $3.75.
Lawn Mowers, Norka—16 inch. Each, $4.00.
Lawn Mowers, W. & B. Ball Bearing—14 inch. Each, $5.50.
Lawn Mowers, W. & B. Ball Bearing—16 inch. Each, $6.00.
Lawn Mowers, Diamond—5 knife, 15 inch. Each, $8.00.
Lawn Mowers, Diamond—5 knife, 16 inch. Each, $9.50.
Lawn Mowers, Electric, Ball Bearing—14 inch. Each, $5.00.
Lawn Mowers, Electric, Ball Bearing—16 inch. Each, $5.50.
Lawn Mowers, Electric, Ball Bearing—18 inch. Each, $6.50.
Lawn Mowers, Calumet—14 inch. Each, $4.00.
Lawn Grass Catchers—Two sizes, $1.00 and $1.25.

Mole Traps

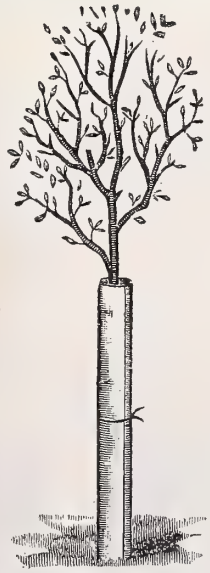
The Reddick Improved—Each, $1.25.
Little Giant—Very strong. Each, $1.00.
Lightning Mole Trap—Each, $1.00.

Miscellaneous Tools

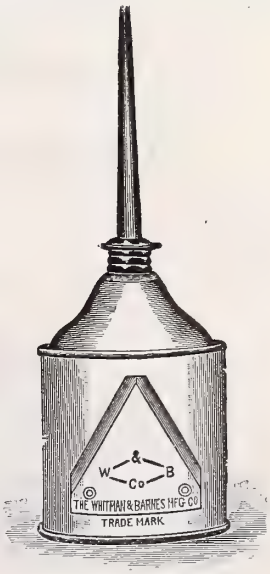
Acme Asparagus Buncher—Each, $2.50.
Asparagus Knives, Goodell—Each, 75c.
Asparagus Knives, English Saw Blade—Each, $1.25.
Dibber for Transplanting—Each, 50c.
Garden Drills, Eureka—Each, $1.00.
Garden Reels—Galvanized. Each, $1.00.
Grafting Wax—½ cakes, 25c; ¼ lb., 15c.
Grass and Turf Edger, Crescent—75c.
Hotbed Plant Cloth—Per yard, 15c.
Hotbed Sash—Each, $2.25.
Moss Spagnum, for packing—Bale, $4.50.
Popcorn Poppers—Large. Each, 25c.
Thermometers, Hotbed—Each, $3.00.
Thermometers, Standard—35c and 50c.
Oil Can—Funnel top. Each, 30c.
Twine, Binder—5 lb. balls. Each, 55c.
Twine, Jute—2 ply. 10 lbs., $1.15.
Twine, Raffia—Per lb., 20c.
Wire Horse Muzzles—Each, 20c; 12 for $2.00.
Wire Hens' Nests—Each, 15c; 12 for $1.50.

MAIL ORDERS.

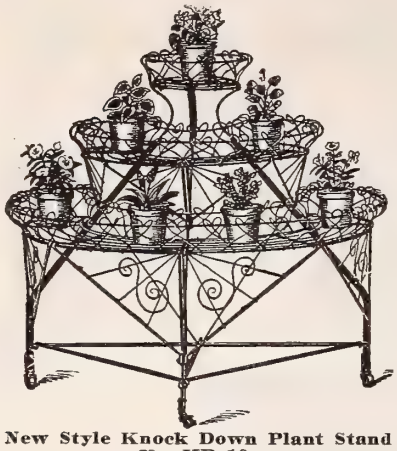
We have the best equipment possible for the handling of Mail Orders. This is the larger part of our business. Our employes are experienced and are employed here all the year round. Your orders are not handled by clerks employed only for the busy season. We fill all orders the first or second day by mail or express, except plants in freezing weather.



Veneer Tree Protector.

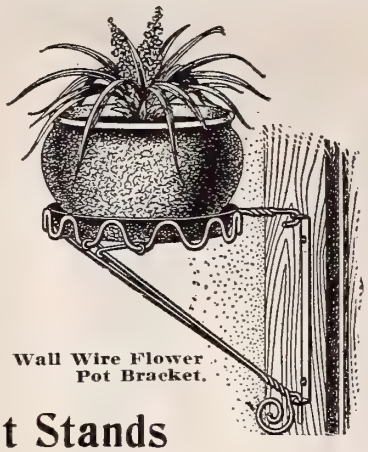


Funnel Top Oil Can.

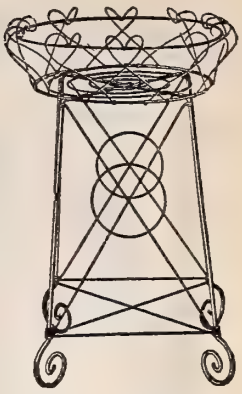


New Style Knock Down Plant Stand No. KD-10.

Wire Hanging Basket.



Wall Wire Flower Pot Bracket.



Single Pot Stand.

Wire Plant Stands

Your Plants will look prettier on one of our Plant Stands. Neat, durable and guaranteed.

No. 4 Half Round—This is one of our most attractive stands; holds about 30 pots; is 48 inches wide, 31 inches deep. **Each, $4.50.**

No. 7 Square Stand—Made with two shelves; arch over top, holding hanging wire basket. **Price, $5.00 each.**

No. 8 Square—This stand has two shelves 3 feet long. **Each, $2.80.**

Knock Down Plant Stands

These come knocked down, securely boxed, and can be easily set up in a short while with the use of a screw driver. Printed directions accompany each stand. This style being more convenient to handle, reach customers in better order than the made-up style above.

No. K. D. 6 Square Stand—Three shelves 39 inches long; the stand is 38 inches high and 29 inches deep. Very attractive. **Price, $5.00 each.**

No. K. D. 10 Half Round Stand—One of the prettiest styles; 3 shelves; stand is 36 inches high, 42 inches wide, 26 inches deep. **Price, $5.50 each.**

No. 29 Window Shelf

A serviceable shelf for little money. Easily attached to window frame with two screw eyes. Made in two sizes.

33 inches long, 8 inches wide.....Each, $1.00
36 inches long, 8 inches wide.....Each, 1.10

Single Pot Stand

Especially for specimen plants. Very strong; 12 inches in diameter; 19 inches high to shelf. **Each, $1.00; 6, $5.40.**

Wire Pot Hangers

For 5, 6, 7 and 8 inch Pot. **Each, 10c; 6, 50c.**

Wire Hanging Basket

8 inch	Each $ .15
10 inch	Each .25
12 inch	Each .30
14 inch	Each .40

Steel Hanging Chains

No. 120	Each, 10c; doz., $1.00
No. 121	Each, 15c; doz., 1.50

Kramer Wire Pot Hanger

Easily attachable to any size Pot; make a hanging basket out of your potted plants. **Each, 10c; 6 for 50c; any size.**

Tinned Wire Flower Pot Bracket

Very neat and attractive in appearance. Made of steel wire and tinned after being made. Very strong. Easily put up and instantly removed. Made in two sizes.

5½ inches in diameter.....Each, 15c; doz., $1.50
6½ inches in diameter.....Each, 15c; doz., 1.60

This Catalogue is published very early, and it is next to impossible to know the exact values of the different items. Remember, however, we give customers the benefit of any decline from these quotations. If market advances, seeds will be sent to value of money remitted at lowest market price.

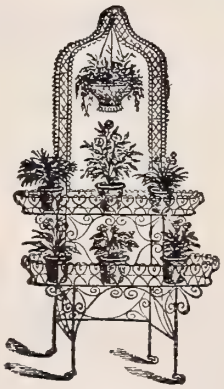
Free—The Eureka Garden Drill

HOW TO GET A GOOD GARDEN DRILL FREE.

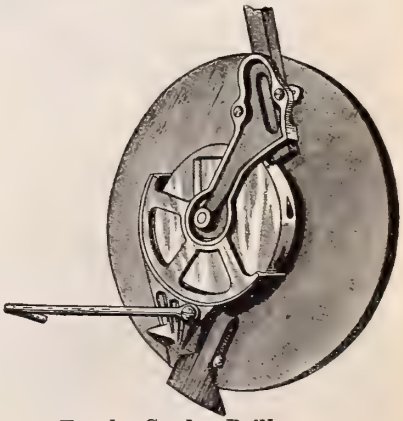
Any one sending us an order for garden and flower seeds only to the amount of $3.00 at one purchase, in 5, 10, 15, 20, 25 and 35-cent packages, catalogue prices of 1913, we will give free as a premium an excellent Garden Drill. Bear in mind, this offer does not apply to any purchase of grain, clover, grass seeds, onion sets, seed potatoes, plants, trees, etc., only to garden and flower seed in size packages mentioned. The Drill will be sent with goods or separately, as instructed, at customer's expense, by express or freight, as desired. No discount is allowed either in seeds or cash on the $3.00 order. You get the Drill only as a premium. This splendid Seed Drill retails alone for $1.50. You get it free on a $3.00 order.

No. 29 Window Shelf Flower Pot Bracket.

Kramer Wire Pot Hanger.



No. 7 Plant Stand with Arch.



Eureka Garden Drill.

Nursery Department

STRAWBERRY PLANTS, FRUIT TREES, GRAPE VINES, ETC.

Especial attention is called to the very superior quality of the Nursery Stock we supply. It is first-class in every respect, smooth, straight, handsome. We list only varieties such as are suitable to the Southern States and this section. No orders filled after April 1st, trees being mostly leaved at that time, and will seldom prove satisfactory.

Terms are strictly cash. We do not send out Trees or Plants C. O. D. under any conditions. At prices given all Trees and Plants must go by express at purchaser's expense. We do not mail any Nursery Stock, nor do we guarantee same in any way. All Trees and Plants in this department will be shipped separate from any flowers or greenhouse plants, at owner's risk.

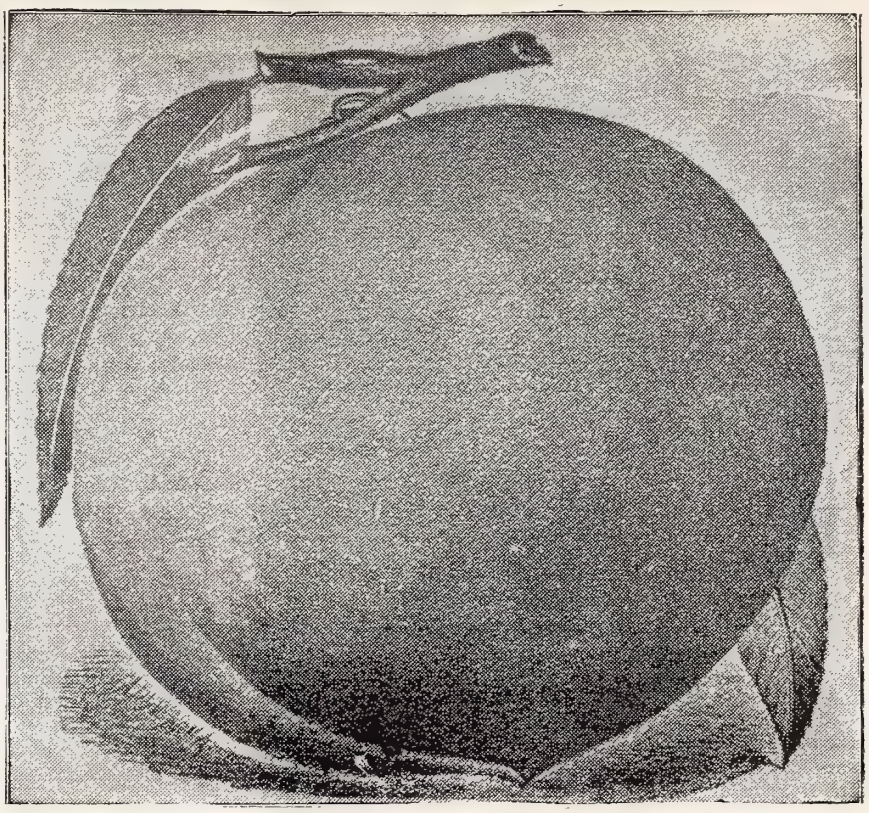
EXTRA DISCOUNT—Notwithstanding the low prices we have put on all Fruit Trees, we make the following liberal offer when cash accompanies the order:

On orders amounting to $2.50 or over, at Catalogue prices only, the purchaser may select free one tree valued at 25c.

On orders amounting to $5.00 or over, at Catalogue prices only, the purchaser may select free trees or plants to value of 75c.

On orders amounting to $10.00 or over, at Catalogue prices only, the purchaser may select free trees or plants to value of $2.00.

Bear in mind, this discount does not apply to any of the trees or plant collections, nor to our prepay offer; only on trees and plants in this department at regular prices, and you must select your discount from this department when you order Nursery Stock.



Carmen Peach.

Peaches

2-year-old Trees, each 25c; 6 for $1.25; 12 for $2.00.
3-year-old Trees, each 50c; 6 for 2.75; 12 for 5.00.

FREESTONES.

Admiral Dewey—Orange yellow, crimson cheek; June 15.
Alexander—Flesh white; ripens June 15.
Amelia—Large white; ripens July.
Belle of Georgia—Large white; ripens July 20.
Berenice—Freestone, very juicy; large yellow peach.
Carmen—Freestone; ripens in June; large.
Champion—Immense size, white, red cheek; August.
Coleman's Choice—Freestone, large yellow; ripens July.
Crawford's Early—Yellow, juicy; ripens August.
Crawford's Late—Finest quality; ripens August 20.
Early Rivers—White, pink cheek; ripens July.
Eleanor Semmes—Freestone, deep yellow; August.
Ensley—Crimson yellow; ripens August 15.
Early Tillotson—White covered, red cheek; July 25.
Elberta—Flesh yellow, juicy and sweet; ripens August 1.
Greensboro—An early variety, large white; June 15.
Globe—Fine yellow; ripens October.
Heath Free—Very tender, juicy and melting; September.
Hill's Chili—Hardy yellow; ripens September.
Matthews' Beauty—Large yellow peach; August.
Mountain Rose—White, splashed carmine; ripens July 1.
Old Mixon Free—Yellowish white; ripens August 15.
Piquet's Late—Flesh yellow, sweet; ripens September.
Slappy—Freestone; ripens end of July; golden yellow.
Stump the World—Large, white, fine; ripens August 15.
Susquehanna—Fine canner; ripens July 30.
Triumph—Yellow; ripens June 1 to 15.
Wonderful—Handsome, productive; ripens October 10.
Yellow St. John—Golden yellow; ripens June 20.

CLINGSTONES.

Chinese Cling—Creamy white; ripens July 15.
Eureka—Clingstone; creamy white, fine quality; August.
Everbearing—Indian type, flesh white, streaked red.
Fitzhugh Lee—Creamy white, crimson blush; July.
Heath Cling—Pale yellow, fine; ripens September.
Henrietta—Large, fine quality; ripens September.
Indian Blood—Large, dark crimson; ripens August.
Lemon Cling—Deep yellow; ripens end of July.
Levy's Late—A fine, large late variety; ripens October.
Morris October—One of the best; ripens October 1.
Nix Late—A large, late clingstone from Georgia.
Old Mixon Cling—Yellowish white; ripens August.
Sneed, or Peeble's—Creamy white, half cling; ripens June.
Victor—Clingstone, very early; ripens June 1; good size.
Stonewall Jackson—Very fine; ripens July 15.
White English Cling—Very large, creamy white, with blush on sunny side, flesh very juicy; ripens August.

Plums

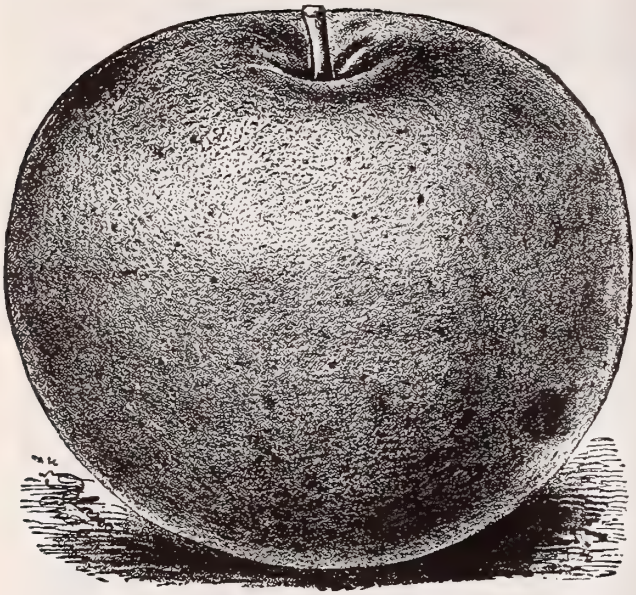
2-year-old Trees, each $ .40; 6 for $2.00; 12 for $ 3.50.
3-year-old Trees, each 1.00; 6 for 5.00; 12 for 10.00.

Abundance—Large, sweet, juicy; very early, bright red.
Wild Goose—Very large and fine; ripens in June.
Red June—Purplish red, flesh yellow, solid, juicy.
Burbank—Large, clear, cherry red, very sweet.
Damson—Bluish purple, fine for cooking; ripens in August.
Wickson—Purple red, firm, sweet and juicy.

Standard Pears

2-year-old Trees, each $ .40; 6 for $ 2.00; 12 for $ 3.50.
3-year-old Trees, each 1.00; 6 for 5.00; 12 for 10.00.
4-year-old Trees, each 2.00; 6 for 10.00; 12 for 15.00.

Keiffer—Golden yellow, tinged with red on one side, remarkably free from blight; ripens in September.
LeConte—Large, of fair quality; ripens in August.
Bartlett—Yellow, faint blush; ripens in August.
Clapp's Favorite—Resembles Bartlett; ripens in August.
Duchess D'Angouleme—Very large; ripens in October.
Flemish Beauty—Large, sweet; ripens in August.
Garber—Larger than Keiffer; beautiful yellow.
Koonce—Of large size and of good form and color.



Summer Queen Apple.

Apples

2-year-old Trees, each 35c; 6 for $2.00; 12 for $3.00.
3-year-old Trees, each 50c; 6 for 2.50; 12 for 5.00.
Extra Heavy, largest size, 8 feet high, each $1.00; 6, $5.00.

Summer Varieties

Early Colton—Yellowish white; ripens in July.
Duchess of Oldenburg—Yellow, striped red; ripens in July.
Early Harvest—Fine yellow; ripens in June.
Family—Yellowish, with crimson; ripens in July.
Horse—Large, yellow, fine for cooking; ripens in August.
Madison Sweet—Large, golden yellow, sweet and juicy.
May Pippin—Greenish yellow; ripens in May and June.
Red Astrachan—Greenish, covered crimson; ripens in June.
Red June—Dark crimson, fine grain, moderately juicy.
Summer Queen—Flesh yellow, firm, rich; ripens in May.
Yellow Transparent—Large, clear, yellow, juicy.

Fall Varieties

Bachelor—Large, agreeable flavor; ripens in November.
Bell Flower—Oblong, fine rich yellow, juicy, acid.
Fall Pippin—Large, yellow; ripens in September.
Fall Strawberry—Striped, juicy and excellent.
Gloria Mundi—One of the largest apples; ripens in September.
Maiden's Blush—Large, pale yellow; ripens in September.
Rome Beauty—Large, red, white flesh.
Yates' Mammoth—Richly striped; ripens in November.

Winter Varieties

Arkansas Beauty—Large, bright red; succeeds well.
Arkansas Black—Large, dark crimson, flesh yellow.
Ben Davis—Large, greenish yellow, striped with red.
Black Twig—Resembles the Wine Sap, except that it is from one-third to one-half larger.
Carter's Blue—Very large; green, crisp, sugary, rich.
Grimes' Golden—Golden yellow, crisp, tender, juicy.
Hall—Light yellow, covered with bright red.
Hayden's Favorite—A native apple; hardy tree, sure bearer.
Jonathan—Largest size; rich color, handsome variety.
Kentucky Streak—Large, handsome, flesh white.
Kinnard's Choice—Medium, flesh crisp, highly flavored.
Red Limber Twig—Greenish yellow; faint crimson stripes.
Shockley—Waxen yellow, with crimson cheek.
Tull—Winter apple, fruit large, green, with red stripes.
Twenty Ounce—Heavy, solid apple, fine flavor.
Wine Sap—Rich, dark red, flesh fine, creamy yellow.

Crab Apples

Each, 25c; dozen, $2.25.

Golden Beauty
Hyslop Crab
Martha Crab
Red Siberian
Transcendent
Yellow Siberian

Cherries

2-year-old Trees, each $ .40; 6 for $2.00; 12 for $ 3.50.
3-year-old Trees, each 1.00; 6 for 5.00; 12 for 10.00.

Early Richmond—Fine, very early; ripens in May.
Black Tartarian—Black, juicy; ripens last of June.
Governor Wood—Very large; ripens last of May.
Late Duke—Light red; ripens last of June.
May Duke—Large, dark red; ripens in May.
Wright's Early—A native variety; ripens early.
Wright's Mammoth—Vigorous grower, fruit large.
Yellow Spanish—Very large, yellowish white, tinted rose.

Apricots

Strong 2-year-old Trees, each, 40c; doz., $3.50.

Early Golden—Small, pale orange, juicy and sweet.
Moorepark—Medium size, good keeper.
Russian—Of best quality, ripens early; very productive.

Quinces

Strong 2-year-old Trees, each, 40c; doz., $3.50.

Champion—Large, very showy and handsome; tender and rich in flavor.
Orange—Large, round, golden yellow; very fine.
Rea's Mammoth—An improvement upon the Orange; much larger.

Grapes

Strong 2-year vines, each, 25c; doz., $2.00; 100, $10.00. By express only.

Worden—Concord type, large in bunch and berry.
Brighton—Large, coppery red; best quality.
Campbell's Early—Large, compact, black berry.
Concord—Large, black, juicy; sweet when ripe.
Delaware—Bunches small and compact; light red.
Early Ohio—The earliest black grape; bunches large.
Lutie—Very early, large red; free from rot.
Moore's Early—Large, black, earlier than Concord; fine.
Niagara—Berries large, sweet, greenish white.

Memphi Grape Collection

25 Fine 2-Year-Old Vines for Only $2.50.

5 Concord
5 Moore's Early
5 Niagara
5 Lutie
5 Worden

Packed f. o. b. Memphis for only $2.50.

Early Ohio Grape.

Mulberries

Each, 35c; doz., $3.00; 100, $20.00. Extra large trees, each, 50c.

Hicks' Everbearing—Produces immense crops; splendid for poultry and hogs.

Japan Persimmons

The Japan Persimmon is thoroughly adapted to the Cotton Belt. The fruit varies in color and shape. We offer two of the best kinds, well adapted to this latitude, in four distinct sorts. **Price, 2 to 4 feet, each, 50c.**

Fig Bushes

Price, either variety, 1-year trees, each, 40c; doz., $3.50.

Brown Turkey—Medium size, very sweet, prolific, hardy.
Lemon—A beautiful lemon colored fig, very sweet.
Celestial—Very large, violet, good and productive.
Magnolia—Mammoth fruit, largely grown in Texas.

Nectarines

Strong 2-year-old trees, each, 35c; doz., $3.00.

Scuppernong Grapes

Bunches seldom ever composed of more than 8 or 10 berries; berries round, of a bronze color, when fully ripe; vine is free from all disease and attacks of insects. **1 year, 40c; doz., $3.50.**

Asparagus Roots

Conover's Colossal—2-year-old roots. Doz., 25c; 50, 50c; 100, 75c.

Palmetto—2-year-old roots. Doz., 25c; 50, 75c; 100, $1.00. 3-year-old extra heavy roots, doz., 50c; 50, $1.00; 100, $1.50.

Seedling Pecans

These are raised from the largest thin shelled nuts.

Paper Shelled Seedling Pecans—The nuts are large and very thin shelled. **2 to 3 feet, each, 40c; doz., $3.50; 3 to 4 feet, each, 50c; doz., $5.00.**

Miscellaneous Nut Trees

Any variety, 2 to 3 feet, each, 40c; doz., $3.50.
Any variety, 3 to 4 feet, each, 50c; doz., $5.00.

Almonds, Princess
Black Walnut
American Chestnut
Japan Walnut
English Walnut
Japan Chestnut

Horseradish

Plant in rows 18 inches apart, putting the sets 1 foot apart. **Doz., 25c; 100, $1.25. By mail, doz., 30c.**

Rocky Mountain Cherry

A fruit for all people and all sections. One of the greatest novelties in the fruit line ever introduced. It bears every year and is as prolific as a currant bush. Sixteen quarts have been picked from a 3-year-old tree. Grows to a height of 4 feet and has never been affected by insects, black knot or other disease. The fruit is a rich red and changes to almost black when ripe, of good size, fine flavor and unsurpassed for preserves or eating. **Each, 50c; 6, $2.50.**

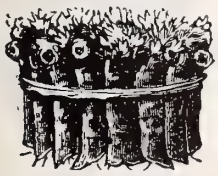
Rhubarb Roots

Crimson Winter Rhubarb—A new sort, originated with Mr. L. Burbank; large, bright red stalks of finest quality. **1-year roots only, doz., $1.50. By mail, each, 25c.**

Victoria Rhubarb Roots—Small roots, doz., 75c. By mail, each, 15c; large clumps, doz., $1.50. By express only.

FREE INSTRUCTION BOOK FOR TRANSPLANTING AND MANAGING FRUIT, ORNAMENTAL TREES, SHRUBS, VINES AND FLOWERS.

To any one buying a bill of Fruit Trees or Plants to the value of $5.00, we will mail one of these 24-page booklets. Gives also valuable information on Roses, Bulbs, etc. Tells how to prune, fertilize and spray. A very complete little book. Price to those who wish the book alone, 25c, postage paid.



Horse Radish.

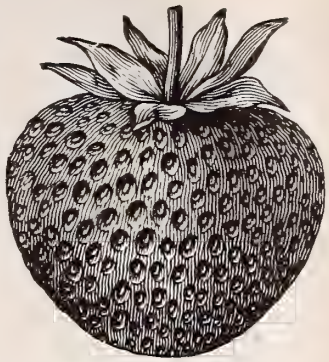
Rhubarb.

Brown Turkey Fig.

Spraying

We cannot be too emphatic in impressing on the horticulturist to spray his fruit trees and grape vines if he desires good fruit. Follow directions carefully. Experiments frequently result disastrously. Careless spraying will result in loss of fruit, and sometimes the trees. Every fruit grower should purchase a spraying apparatus; they can now be had for a small sum. Be careful in keeping your solution continually stirred. The best time for spraying is late in the afternoon or during cloudy weather, except with kerosene emulsion; this should be used on bright sunshiny days. Write us for prices; we can save you money

Heflin's Early Strawberry.



Norwood Strawberry.

Strawberries

The varieties marked S are for staminate or perfect blooming; those marked P, which are pistillate, are destitute of pollen, and require to be planted near some perfect blooming sort. If desired to horse work, plant in rows 1x4 feet; if to be hoe worked, 1x1½ feet. Prices quoted do not include postage. All plants will be sent by express at purchaser's expense.

Heflin's Early—Largest, most brilliantly colored and most strikingly beautiful of all berries. It is truly glorious. Very early, right on the heels of Excelsior. King of markets wherever it shows itself. A truly glorious Southern berry, without an equal in its line. **25 for 50c; 100 for 75c; 500 for $3.00; 1,000 for $5.00.**

Norwood (P)—The largest of all berries; a bright, shining red; does not fade, firm; will ship; very productive; ripens with Lady Thompson Early, but holds out longer and is more productive; habits of growth same as Thompson's, but foliage much darker, and plant more stockier; flowers bisexual or perfect. **25, 50c; 100, $1.00; 500, $4.00; 1,000, $7.50.**

	Per 25.	100.	1,000.
Aroma (S), large, late, solid berry	$ .25	$ .75	$4.50
Excelsior (S), very early, good market	.25	.60	4.00
Gandy (S), late market sort, good	.25	.60	4.00
Klondyke (S), bright red, good bearer	.25	.60	4.00
Lady Thompson (S), large hardy variety	.25	.60	4.00
Senator Dunlap (S), productive, fine quality	.25	.75	4.50

Raspberries

Columbia—Fruit resembles Shaffers; very large; purplish, vigorous and productive. **Each, 10c; doz., 60c; 100, $4.00.**

Cuthbert—The best and most reliable of the red fruited varieties. Fruit large, red, of excellent quality, yield very prolific; ripens middle of May, and continues for several weeks. **Each, 10c; doz., 60c; 100, $3.00.**

Golden Queen—Fruit golden yellow, similar in quality to Cuthbert, to which it is evidently a close relation. Its fine color attracts the eye. Prolific; withstands our summers. **Each, 15c; doz., 75c; 100, $5.00.**

Gregg—Blackcap. Very productive, large size, firm, black. **Each, 10c; doz., 50c; 100, $3.00.**

Cumberland—The largest black raspberry grown; immensely productive; quality fine; ripens very early. **Each, 15c; doz., 75c; 25, $1.25; 100, $4.00. By express.**

St. Regis Everbearing Raspberry

(THE "EARLY TILL LATE" RASPBERRY.)

Continues in bearing a long time, even sometimes until late autumn. **Each, 15c; 10 for $1.25; 25 for $2.00. By express.**

Dewberry

Lucretia Dewberry—The berries are far larger and incomparably better than any blackberry, and of unequaled excellence; soft, sweet and luscious throughout; of brightest glossy black color. **Price, 75c doz.; $3.00 per 100. By express.**

Blackberries

Himalaya Giant—A late blackberry, coming after the other berries are gone, ripening over a period of several weeks, making it especially desirable for family use. Fruit large, fine quality. **Each, 15c; 10 for $1.25; 25 for $2.00. By express.**

Iceberg—This remarkable blackberry is one of Luther Burbank's productions. It succeeds admirably in this climate. The fruit is transparent white. The seeds, which are usually small, can be seen in the ripe berries. The fruit is borne in large clusters. The berries are of large size and good quality. **Each, 15c; 10 for $1.00; 25 for $1.50. By Express.**

Wilson—Fruit large, very productive and early. **Each, 10c; doz., 60c; 25, $1.00; 100, $3.00. By express.**

Eldorado—Fruit large, roundish conical, rich glossy black; firm, juicy, sweet and excellent. **Each, 15c; doz., 75c; 25, $1.25; 100, $4.00. By express.**

Gooseberries

Houghton—Pale red, good quality and productive. **Each, 20c; doz., $1.50. By express.**

Downing—Large, pale green berries. **Each, 20c; doz., $1.50. By express.**

Currants

Fay's Prolific—One of the most prolific, of excellent quality. **Each, 15c; doz., $1.25.**

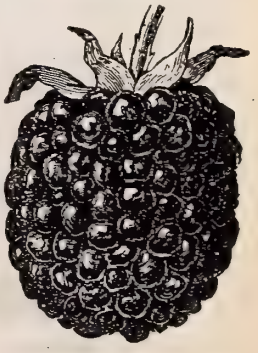
Burbank's Phenomenal Berry

Mr. Burbank, the introducer, describes it as larger than the largest berry ever before known; bright crimson raspberry color; productive as could be desired. **Each, 15c; 12, $1.50; 25, $2.00; 100, $6.00. By express.**

Cuthbert Raspberry.

Lucretia Dewberry.

Burbank's Phenomenal Berry.



Eldorado Blackberry.

Water Oak Tree.

Carolina Poplar Tree.

Shade Trees

Price, trees 5 to 6 feet, 75c; 8 to 10 feet, $1.00 each.

American Linden	Red Elm
China Umbrella	Judas or Red Bud
Silver Leaf Maple	Catalpa Speciosa
European Linden	Weeping Willow
Lombardy Poplar	Norway Maple
Carolina Poplar Water Oak	Sugar or Rock Maple

Magnolia Trees

This is the grandest of all our native broad-leaved evergreen trees. It is a native of the middle sections of the Southern States, and succeeds best in a rich soil. Nothing more conspicuous can be seen among evergreens when its large white flowers are fully expanded.

Price, trees 12 to 18 inches, each, $1.00; 36 inches, each, $2.00.
Price, trees 24 to 30 inches, each, 1.50; 48 inches, each, $2.50.

Hardy Vines

Price, each, 35c; 6 for $2.00. By express only.

American Ivy	Clematis, White
Clematis, Purple	Blue Wistaria
Virginia Creeper	English Ivy

Evergreens

	Trees 24-in. ea.
Irish Juniper	$1.00
Lawson Cypress	1.00
Norway Spruce	1.00
Golden Japan Cypress	1.00
White Pine	1.00

Larger Trees, $1.50 and $2.00 each of above 5 Evergreens.

Hardy Shrubs

	1-year Plants.	Doz.
Althea, in 10 colors each, Rose of Sharon	$ .30	$3.00
Barbery Thunbergia, Hedge Plant	.30	3.00
Calycanthus, sweet shrub, clove or allspice	.35	3.50
Deutzia, assorted colors	.30	3.00
Euonymus Japonicus, for hedge	.25	2.50
Forsythia, Golden Bell	.35	3.50
Japan Quince, per 100, $15.00	.25	2.40
Lilac, purple	.35	3.50
Lilac, white	.35	3.50
Philadelphus, Syringa	.30	3.00
Snowball Shrub	.35	3.50
Spirea, assorted	.30	3.00
Weigela, assorted	.35	3.50
Weigela Eva Ratka, very fine	.40	4.00
Crepe Myrtle, crimson	.35	3.00
Hydrangea Paniculata, white	.50	4.50

Hardy Border Plants

Perennial Phlox—No class of hardy plants is more desirable than the Perennial Phlox. They will thrive in any position, in large groups on the lawn, or planted in front of belts of shrubbery. **Each, 25c; 12 for $2.50.**

Rudbeckia Golden Glow—The most prolific and satisfactory hardy perennial of all yellow flowering sorts. Grows 5 to 7 feet and blooms from early summer until frost. **Each, 35; 3 for $1.00; 12 for $3.00.**

Privet Hedge Plants

California Privet—The great hedging plant. Remarkable for the beauty of its evergreen foliage and strong, regular, symmetrical growth. The foliage is dark green, very glossy and wax-like; hardy everywhere. Remove the unsightly fence and increase the value of your property by planting a California Privet hedge. Does well in all situations and under all conditions.

Amoor Privet—Retains its color remarkably well in the winter. Is quite hardy and makes a fine hedge.

Price, either kind:
1-year plants, 12 to 15 inches, 25, $1.00; 100, $3.00.
1-year plants, 18 to 24 inches, 25, 1.25; 100, 4.00.
2-year plants, 30 to 36 inches, 25, 2.00; 100, 6.00.
By express only.

Honeysuckles

Price, each, 35c; 6 for $2.00. By express only.

Hall's Japan—White and creamy yellow; fragrant; blooms the whole season.

Monthly Fragrant—Red and yellow; very fragrant. Blooms all summer.

Scarlet Trumpet—Red flowers; blooms freely, rapid grower.

A CERTIFICATE OF INSPECTION TAG FROM THE STATE INSPECTOR OF NURSERIES, SHOWING OUR STOCK TO BE FREE FROM SAN JOSE SCALE AND OTHER INJURIOUS INSECTS AND DISEASES, WILL ACCOMPANY EACH SHIPMENT.

Showing Hedge of California Privet.

All trees, plants and vines that comprise nursery stock will be forwarded to purchaser as soon as the weather conditions will permit them to be planted in your section, but must be sent separate from seed orders. We will pack all orders together if possible to do so.

Lawson Cypress Evergreen.

China Umbrella Tree.

Greenhouse Department

ROSES, BLOOMING PLANTS, FERNS AND PALMS.

Plants by Mail—We send free by mail all small size plants in this department at prices named. The larger sizes can only go by express.

Plants by Express—All who live in towns or near an express office, and who are willing to pay their own express charges on plants, will invariably receive larger plants, packed a little heavier than those sent by mail. We feel sure that all who order in this way will not grudge the extra outlay when they examine the plants so sent.

Roses

THE MARECHAL NIEL FAMILY.

Yellow Marechal Niel—A beautiful deep sulphur yellow, very large and fragrant. We have a grand stock of this variety.

The Red Marechal Niel—Buds and flowers the same as the yellow; color carmine red.

The White Marechal Niel—Identical with its sister variety, except in color and flowers. The color is pure white.

Mailing size plants, 20c each; 3 for 50c; postage paid. Second size plants, 35c each; 3 for $1.00; by express. Third size plants, 50c each; by express only. Fourth size plants, 75c each; by express only.

ROSES—ALL TESTED AND HIGHLY RECOMMENDED.

Dean Hole—Flowers large, color silvery carmine, shaded salmon.

Kate Moulton—Light pink; very beautiful.

Laurent Carl—Velvety carmine.

Freiherr von Marshall—Bright red.

R. B. Cant—Clear, bright, rosy pink.

La Detroit—Shell pink, shading to soft rose.

My Maryland—Salmon pink.

White Killarney—Pure White.

Blumenschmidt—Pure citron yellow.

Killarney—Brilliant, imperial pink.

Mailing size plants, 25c each; 6 for $1.25; postage paid. Larger plants, 50c; 6 for $1.50; by express only.

Climbing Roses

Climbing Bridesmaid—Clear dark pink.

Cloth of Gold—Very fine yellow.

Mrs. Robt. Peary or Climbing Kaiserin—The grandest of white climbers.

Climbing Marie Guillot—Pure white.

Climbing Meteor—Best red.

Reine Marie Henriette—Large, full and fine flowers, color cherry red.

William Allen Richardson—Coppery yellow.

Mailing size plants, 10c each; 12 for $1.00; postage paid. 2-year-old Roses, 35c each; 6 for $1.50; 12 for $2.50; by express only.

The Grand Cochet Family

Crimson Cochet—Very free flowering, large cup formed flowers on long stiff stems; color is clear red crimson velvet.

Pink Cochet—Flowers superb, buds beautiful, perfectly hardy; color clear rich pink, changing to silvery rose.

Red Cochet—Color warm rose.

White Maman Cochet—The best white rose for open ground culture.

Yellow Cochet—Best hardy yellow rose in existence.

Mailing size plants, 15c each; 4 for 50c; 12 for $1.25; postage paid. 2-year-old plants, 35c each; 6 for $1.50; 12 for $2.50; by express only.

SCHWILL'S TEN BEST LONG STEMMED ROSES.

American Beauty—Rich carmine crimson.

White Killarney—Pure white.

Golden Gate—Creamy white, with soft yellow.

Rhea Reid—Beautiful rich crimson.

Bridesmaid—Rosy pink.

Etoile de France—Red crimson scarlet.

Kaiserin Aug. Victoria—Pure creamy white.

Richmond—Dark velvety crimson.

Mme. Abel Chatenay—Salmon pink.

Mme. Caroline Testout—Clear silvery pink.

Mailing size plants, 15c each; 4 for 50c; 12 for $1.25; postage paid. 2-year-old plants, 35c each; 6 for $1.50; 12 for $2.50; by express only.

White Maman Cochet.

Mme. Abel Chatenay.

Schwill's Ideal Rose Collection

The Roses are all strong, vigorous growers. Bloom abundantly and among the hardiest.

Meteor—Crimson.
Bride—Pure white.
Bridesmaid—Pink.
Bon Silene—Rosy carmine.
Franz Krueger—Coppery yellow.
Maman Cochet—Pink.
Gruss aus Teplitz—Velvety crimson.
Princess Vera—Pink.
Isabella Sprunt—Rich yellow.
White Cochet—Pure White.
Coquette de Lyon—Canary yellow.
Mrs. DeGraw—Glossy pink.
Marie von Houtte—Pale yellow.
The Queen—Pure White.
Mme. C. Berthold—Fine yellow.
Duchess de Brabant—Rose.
Cornelia Cook—Fine white.
Joseph Metral—Dark crimson.
Golden Gate—Pink and yellow.
Helen Gould—Delicate pink.
Mailing size plants, 20 for $1.00; postage paid. The full set in larger plants for $2.50; by express.

Richmond—The Best Red Rose.

Two-Year-Old Grown Roses

Each, 35c; 6 for $1.50; 12 for $2.50.

Antoine Rivoire—Light pink.
Bride—Superb white.
Bridesmaid—The most popular rose pink.
Clothilde Soupert—Double white, shaded pink.
Cornelia Cook—Pure white.
Duchess of Albany or Red La France—Deep rose.
Etoile de Lyon—Golden yellow.
General Robert E. Lee—Apricot yellow.
Ivory—One of the best white.
Lady Battersea—Cherry crimson.
Liberty—Bright crimson on scarlet.
Mme. de Watteville—Creamy yellow.
Mme. Welche—Amber yellow.
Marie Guillot—Pure white.
Meteor—Velvety crimson.
Paul Neyron—Bright shiny pink.
Pearl des Jardins—Clear golden yellow.
Richmond—One of the best red roses.
Safrano—Color yellow, shaded with copper.
Sombreuil—White, tinged with rose.
Sunrise—Copper scarlet yellow.
Sunset—Rich golden amber.
Souvenir de Wootten—Bright magenta red.
Triumph de Pernet Pere—Bright crimson.
White LaFrance—Fawn white.

The Rambler Rose Family

Dorothy Perkins—Pink.
Crimson Rambler.
Pink Rambler.
White Rambler.
Yellow Rambler.

Mailing size plants, 10c each; $1.00 per doz.; postage paid. Larger plants, 35c each; 6 for $1.50; 12 for $2.50; by express only.

The Blue Rambler

Veilchenblau (Perfectly Hardy, Violet Blue)—In Veilchenblau we have an improved and glorified free-flowering Rambler, a seedling from the famous Crimson Rambler. The flowers are violet blue in color; a perpetual source of wonder, standing out in graceful form in large clusters, individual flowers measuring from 1½ to 2 inches across. This new rose is perfectly hardy, the growth vigorous, producing beautiful foliage. **Well-established plants, 20c each; 3 for 50c; postage paid. Strong 2-year-old plants, 50c each; 3 for $1.25.**

Mailing Size Bedding Roses

Nice, well-established plants, true to name and sure to grow if properly handled. **Price, 10c each; 12 for $1.00; 25 for 2.00; postage paid.**

Antoine Rivoire
Bride
Bridesmaid
Bon Silene
Clothilde Soupert
Cornelia Cook
Coquette de Lyon
Duchess of Albany
Duchess of Brabant
Etoile de Lyon
Etoile de France
Franceska Krueger
General R. E. Lee
Golden Gate
Glory of Lyonaise
Gruss aus Teplitz
Helen Gould
Ivory
Isabella Sprunt
La Sylphide
Lady Battersea
Liberty
La France
Kaiserin Aug. Victoria
Madame Abel Chatenay
Madame Carol Testout
Madame Joseph Schwartz
Madame de Watteville
Madame Welche
Mrs. De Graw
Marie Van Houtte
Maman Cochet
Malmaison
Marie Guillot
Meteor
Papa Gontier
Paul Neyron
Perle des Jardins
Pres. Carnot
Richmond
Safrano
Sombreuil
Sunrise
Sunset
Souv. d'Un Ami
Souv. de Wootten
Uncle John
Triumph de Pernet Pere
White Maman Cochet
White La France
Yellow Cochet

Mailing Size Climbing Roses

Price, 10c each; 12 for $1.00; 25 for $2.00.

Climbing Bridesmaid
Cloth of Gold
Climbing Kaiserin A. Victoria
Climbing Marie Guillot
Climbing Meteor
Reine Marie Henrietta
Solfaterre
Wm. Allen Richardson

General Collection of Plants

Asparagus, Plumosus Nanus.

Chrysanthemum, Maud Dean.

Acalypha Sanderi—Chenille plant; the most ornamental plant. **25c; postage paid.**
Acalypha Tricolor—Highly colored leaves, bright red, blotched with crimson bronze. **15c; postage paid.**
Acalypha Marginata—Dark bronze, with rose margined leaves. **15c; postage paid.**
Alyssum, Double Giant—Large flowers. **10c each.**
Alyssum, Little Gem—Single, **10c each; 75c per doz.**
Ageratum, Princess Pauline—Blue. **10c each.**
Ageratum, Stella Guerney—Intense blue. **10c each.**
Ageratum, White Pet—White. **10c each.**
Asparagus Sprengeri—The best house and basket plant.
Asparagus Plumosus Nanus—The most beautiful plant for house culture.
Each of the above Asparagus, 20c each; postage paid. Larger plants, 35c, 50c, 75c, $1.00 each; by express.
Calla Lily—Each, 50c; by mail. Larger plants, $1.00; by express.
Cobea Scandens—Fine for covering walls and arbors. The flowers are bell-shaped; grows 15 to 20 feet in height. **15c each; 12 for $1.25; postage paid.**

BEGONIAS.

The Rex Family—The handsomest of all Begonias, and the most admired by all. **35c each; postage paid. Larger plants, 50c; by express.**
Louise Glosson—Deep bronze, with silvery rose.
Countess Erdody—Dark silvery coppery rose.
Rubrum—Pinkish metallic luster.
Lord Palmerston—Dark bronze center, silvery band.

FLOWERING BEGONIAS.

Vernon—Deep red, changing to rose.
Roseapicta—Pink. **Robusta**—Pure white.
Sandersonii—Scarlet shade of crimson.
Thurstoni—Deep pink. **Erfordia**—Light cherry red.
President Carnot—Coral red. **Rubra**—Scarlet rose.
Small plants, 15c each; postage paid. Larger plants, 25c, 50c each; by express.

CARNATIONS.

Each, 15c; 2 for 25c; 10 for $1.00.

America—Light scarlet. **Enchantress**—Light pink.
Mrs. Thomas Lawson—Deep cerise pink.
Boston Market—Pure white.
Jubilee—Scarlet. **Prosperity**—Striped pink and white.

CANNAS.

15c each; 12 for $1.00; 25 for $1.75; by express.

Madame Crozy—Scarlet with golden yellow.
America—Red, with purple. **Austria**—Golden yellow.
Allemania—Orange scarlet. **Pennsylvania**—Vermillion scarlet.
Italia—Golden yellow with orange scarlet.
Alphonse Bouvier—Dark crimson.
Florence Vaughn—Yellow, with red.
Chicago—Scarlet. **Express**—Dark crimson.
Chas. Henderson—Bright crimson.

CHOICE CANNAS.

25c each; 6 for $1.25; 12 for $2.50.

King Humbert—Deep orange, very large.
William Saunders—Bright scarlet.
Mont Blanc—The only white canna.
David Harum—Deep red. **Venus**—Rosy pink.
Gladiator—Deep crimson.

CHRYSANTHEMUMS.

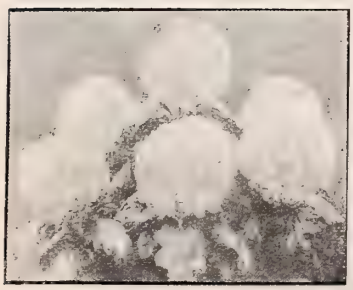
Each, 10c; 4 for 25c; 12 for 50c; postage paid.

W. H. Chadwick—Blush white. **Dr. Euguehardt**—Deep pink.
Golden Wedding—Dark yellow. **Maud Dean**—White.
Major Bonnaffon—Golden yellow **Ivory**—Pure white.
Mme. Bergman—Pure white. **Adele**—Rose pink.
Monrovia—Orange yellow.

NOVELTIES IN CHRYSANTHEMUMS.

Lynnwood Hall—Snow white. **Matchless**—Deep crimson.
Golden Eagle—Deep yellow. **Virginia Poehlman**—Pure white.
Golden Chadwick—Citron yellow. **Pacific Supreme**—Deep pink.
A. J. Balfour—Dazzling rosy pink.

Each, 20c; 6 for $1.25; 12 for $2.50.



Chrysanthemum, Golden Chadwick.

Acalypha Sanderi, or Chenille Plant.

Begonia Rex.

Carnation, American.

CLEMATIS.

One year, each, 50c; any 2 for 85c; 4 for $1.50; by mail.
Two years, each, 75c; any 2 for $1.25; 4 for $2.25; by express.
Clematis Henryi—Fine large creamy white.
Clematis Jackmanii—Violet purple.
Clematis Mad. Ed. Andre—Bright red.
Clematis Paniculata—One of the best climbers, snow white.

COLEUS.

8c each; 12 for 75c; postage paid; 50 for $2.00; by express.
Sensation—Crimson maroon.
Vershaffelti—Dark maroon with yellow.
Yellow Bird—Golden yellow.
Empress of India—Maroon, yellow center.
Golden Beauty—Dwarf yellow.
Perfection—Bright crimson.
Firebrand—Brilliant scarlet.
Hero—Darkest Coleus grown.
Grace Adams—Green, with red.
Rainbow—Red, gold, green.

Geranium, Wm. Langguth.

HIBISCUS.

Each, 15c; postage paid. Larger plants, by express, 50c each.
Peachblow—Large double flowers, soft pink with deeper center.
Hibiscus, Single—Scarlet.
Hibiscus, Double—Crimson.

HYDRANGEAS.

Monstrosa—Color deep rose. **Each, 15c.**
Thomas Hogg—Pure white. **Each, 15c.**
Otaska—Old favorite pink. **Each, 15c.**
Rosea—Bright rosy red. **Each, 25c.**

HELIOTROPE.

10c each; larger plants, 20c each.
Picciola—Flower very large, dark heliotrope color.
Florence Nightingale—Bright lavender.
Madame de Blonay—Pure white.
Albert Delaux—Foliage bright golden yellow.
Madame Bruant—Rich purple, with white eye.
Czarina—Very dark.

Hibiscus.

THE JASMINE FAMILY.

15c each; 5 for 75c; by mail.
Confederate Jasmine—A fine climber.
Cape Jasmine—Pure double white.
Grand Duke—Large double white.
Maid of Orleans—Creamy white.
Night Blooming Jasmine—Very easy grower. Blooms at night only; very fragrant.

PONDEROSA LEMON, AMERICAN WONDER.

Superb fruit has been taken from the tree weighing over 1½ pounds; it is of very easy culture. The flowers are very fragrant. **Each, 15c; larger plants, 50c, $1.00 and up.**

American Wonder Lemon.

FUCHSIAS.

Black Prince—Waxy carmine. **10c each.**
Von der Strauss—Pure red, double white in center. **15c each.**
Phenomenal—Bright cobalt red, with violet shade. **15c each.**
Rosains Patri—Brilliant deep scarlet with pure white. **15c each.**
New Trailing Queen—Fine for baskets, very free bloomer. **15c each.**

GERANIUMS.

Each, 10c; 12 for $1.00; postage paid. Larger plants, 15c; 12 for $1.50; by express at purchaser's expense.

SINGLE GERANIUMS.

Athlete—Vivian scarlet.
Clyde—Rich red.
Electric—Brilliant scarlet.
J. D. Cabos—Soft pink.
Mrs. E. G. Hill—Bright salmon.
Queen of the West—Orange scarlet.
Admiration—Salmon.
Telegraph—Deep orange.

Otaheite Orange.

DOUBLE GERANIUMS.

Alphonse Ricard—Orange scarlet.
Glory de France—Salmon white.
Hedwig Buchner—Pure white.
Jean Viand—Large pink.
S. A. Nutt—The best crimson.
President Simon—Scarlet.
Abe Le Franc—Carmine, with white eye.
Mad. Landry—Salmon.

FANCY GERANIUMS.

Each, 15c; 2 for 25c; postage paid.
Wm. Langguth—Double crimson.
Madame Salleroi—Silver leaf, very showy.
Mrs. Pollock—Fancy variegated leaves.
Happy Thought—Leaves green and yellow.
Livingston—Skeleton leaf, fragrant.

SCENTED GERANIUMS.

Each, 15c; 2 for 25c.
Balm **Nutmeg** **Apple**

OTAHEITE ORANGE.

As a pot plant the Orange is one of the most novel and beautiful that can be grown. It begins to bear fruit when quite small; not over 18 inches high. **Each, 15c; larger plants, 50c, $1.00 and up.**

THE LANTANA FAMILY.

New Weeping Lantana—One of the best plants for baskets, vases, etc., also for bedding. Color of flowers is lilac pink. **15c each. Larger plants, 25c each.**
Innocence—Free grower, pure white. **10c each.**
Jacqueminot—Orange red. **10c each.**

NASTURTIUMS.

Tall and Dwarf—Each, 10c; $1.00 per doz.; postage paid.

PANSIES.

We grow the largest and finest Pansies in the South. **Mailing size, 5c each; 50c per doz. Express size, 10c each; 75c per doz.**

PETUNIAS.

We have very choice colors, in Double and Single Petunias. **10c each; 12 for $1.00; postage paid. Larger plants, 20c each; 12 for $2.00; by express.**

PLUMBAGO.

Sky Blue—Each, 10c. Red—Each, 15c. White—Each, 10c.

SWANSONIA.

The everblooming Sweet Pea; flowers bloom in clusters. **Each, 10c; 3 for 25c; postage paid.**

MOON FLOWER.

The New Moon Flower "Helen"—The flowers are more than twice the size of the old variety. **Price, 20c each; 3 for 50c; postage paid.**
Blue Moon Flower—Clear satiny blue, with crimson bars. **Each, 20c; 3 for 50c; postage paid.**

Boston Fern.

Cape Jasmine.

VIOLETS.

10c each; 12 for $1.00; postage paid.

Marie Louise—Flowers double, dark blue.
Swanley White—Double white.
Lady Campbell—Double purple.
Princess of Wales—Single, true violet blue.
California—Rich dark blue, single.
Hardy English—Deep violet purple.

VERBENAS.

We offer a choice selection in white, crimson, purple, oculated, striped and variegated. **Each, 10c; 12 for 75c; postage paid.**

DECORATIVE PLANTS.

Farfugium Grande—Leopard plant. Leaves are large size; color bright green, blotched with golden yellow. **25c each; postage paid. Larger size, 50c.**
Boston Fern—So well known it needs no description. **Small plants, 25c each; postage paid. Larger plants 50c, 75c, $1.00 and up; by express.**
Pandanus Veitchii—A very ornamental plant for decoration. **Each, $1.00, $1.50 and $2.00; by express only.**
The New Fern, Whitmanii—The fronds are fine cut; dwarf in habit; most valuable in this type. **35c each. Larger plants 50c, 75c, $1.00 and up; by express.**
Tarrytown Fern—Very easy grower. The fronds are very wide and fine cut, and make a beautiful house plant. **35c each; postage paid. Larger plants 50c, 75c, $1.00 and up; by express.**
Umbrella Plants—15c each; postage paid. **Larger plants 50c each; by express.**

PLANTS AND VINES OF ALL KINDS.

Achyranthus—10c each; 75c per doz.
Ageratum—Assorted colors. **10c each; 75c per doz.**
Alyssum, Little Giant—10c each; 75c per doz.
Alyssum, Little Gem—10c each; 75c per doz.
Althernantheras—Red, yellow. **10c each; 75c per doz.**
Bananas—$1.00 each and upward.
Calla Lilies—50c, 75c, $1.00 each.
Cobea-Scandens—15c each; $1.00 per doz.
Cuphea—10c each; 75c per doz.
Dusty Miller—15c each; $1.00 per doz.
English Ivy—15c each; $1.00 per dozen.
Euonymus—15c each; $1.00 per doz.
Hardy Pinks—Assorted colors. **10c each; 75c per doz.**
Honeysuckle, Variegated—15c; $1.00 per doz.
Hollyhock—15c each; $1.00 per doz.
Lemon Verbena—10c each; 75c per doz.
Marantha—25c each.
Mignonette—15c each; $1.00 per doz.
Nasturtiums—10c each; 75c per doz.
Phlox, Annual—10c each; 75c per doz.
Phlox, Perennial—15c each; $1.00 per doz.
Periwinkle—10c each; 75c per doz.
Parlor Ivy—10c each; 75c per doz.
Snap Dragon—10c each; 75c per doz.
Smilax—15c each; $1.00 per doz.
Shasta Daisy—20c each.

Hydrangea Arborescens.

FLOWERING SHRUBS.

Weigelias—A most beautiful shrub that blooms in June and July.
Weigelia Rosea—Pink. **15c each.**
Weigelia Candida—White. **15c each.**
Weigelia Eva Rathke—Red. **25c each.**
Forsythia, Golden Bell—Bright yellow flowers, foliage deep shining green. **15c.**
Hydrangea Arborescens—The flowers are very large, of pure white color. **15c each.**
Japan Quince—One of our choicest shrubs, deep scarlet flowers; are the first to bloom in the spring. **15c each.**
Althea—In all colors, red, white, pink, purple, double and single. **15c.**
Tamarix—Foliage fine and feathery, bright flowers. **15c each.**
Purple Fringe—Much admired for its long, feathery flower stalks. **15c.**
Althea Mechanii—Lavender. **20c.**
Spirea, Bridal Wreath—Pure white. **15c.**
Spirea, Van Houttei—White. **15c.**
Berberis Thurnbergi—Dwarf, graceful shrub. **15c.**
Spirea, Brumalda—Rose pink. **15c.**
Spirea, Anthony Waterer—Dark crimson. **15c.**
Calycanthus—Sweet scented shrub. **20c.**
Red Dogwood—20c.
Deutzia—Pure White. **15c.**
Deutzia—Pink. **15c.**
Deutzia—Double white. **20c.**

ORNAMENTAL AND HARDY VINES.

Wisterias—Purple. **25c each.**
Wisterias—White. **25c each.**
Virginia Creeper—Clinging to walls and trunks of trees. **25c.**
Boston Ivy—Entirely hardy in the most exposed places, clinging to stones, brick and woodwork with the greatest tenacity. For covering walls, dead trees, gate posts, etc., it has no equal. **15c each; 2-year-old plants, 35c each; $3.00 per doz.**
English Ivy—A beautiful evergreen vine. **15c each. Larger plants 35c each.**
Chinese Kudzu Vine—Adapted for covering arbors or verandas, especially where rampant vines and large leaves are required. Thrives in almost any well drained soil. **25c each.**

HONEYSUCKLES.

Japanese Honeysuckle—Flowers white, changing to yellow.
Golden Leaved Honeysuckle—Flowers scarlet.
Monthly Fragrant—Bright red flowers.
Coral Honeysuckle—Flowers scarlet.
Any variety, 15c each; $1.50 per doz.
Hardy Day Moonflower—Color satiny white with pinkish purple throat; flowers measuring 4 to 6 inches in diameter. **25c each.**

IMPROVED HARDY PHLOX.

Henry Munger—Deep carmine center, shading to white at the edge of petals. **15c.**
Pantheon—Deep pink. **15c.**
Niobe—The deepest, darkest, richest colored of all Phlox. **40c each.**
Couquelicat—Bright red. **20c.**
Independence—Pure white. **15c.**

SCHWILL'S PERENNIAL PLANTS.

Hardy Oriental Poppy—25c. **Hardy Larkspur—25c.**
Hardy Cornflower—Violet blue. **20c.**
Sweet William—In all shades. **25c.**
Shasta Daisy—Pure white, with gold center. **15c.**
Foxglove—Assorted. **20c each.** **Canterbury Bells—25c.**
Hollyhock—The colors vary in shade from pure white to the darkest red, white, pink, salmon, yellow, crimson. **Price for separate colors, your selection, 15c each; any 3 for 40c; 2-year-old plants, 25c each.**

HARDY CARNATION PINKS.

Her Majesty—All pure white. **10c. Souv. de Sale**—Pink. **10c.**
Essex Witch—Cherry red. **10c.**

Hardy Carnation Pink, "Her Majesty."

Wisteria Blossom.

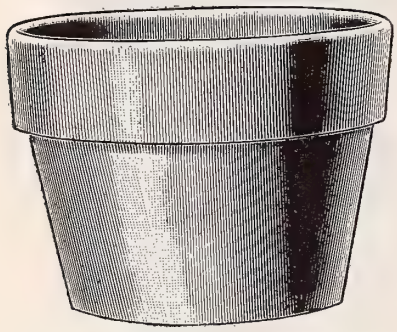
English Ivy.

Hardy Phlox.

Standard Flower Pots

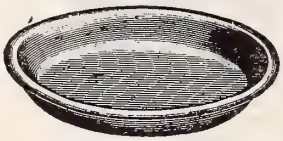
(WITHOUT SAUCERS.)

2½	inch	doz.	$ .20
3	inch	doz.	.25
4	inch	doz.	.35
5	inch	doz.	.50
6	inch, each 10c	doz.	.65
7	inch, each 12c	doz.	1.00
8	inch, each 15c	doz.	1.50
9	inch, each 20c	doz.	1.75
10	inch	each	.25
12	inch	each	.50
13	inch	each	.75
14	inch	each	1.25
16	inch	each	1.75
18	inch	each	2.25



Azalea Three-Quarter Size Pots

5	inch	doz.	$ .75
6	inch	doz.	1.00
7	inch, each 15c	doz.	1.25
8	inch, each 20c	doz.	1.85
9	inch, each 25c	doz.	2.25
10	inch, each 30c	doz.	3.25
12	inch, each 50c	doz.	5.00



Flower Pot Saucers

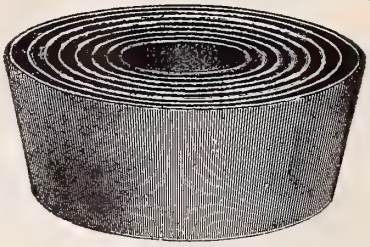
3	inch	doz.	$ .20
4	inch	doz.	.25
5	inch	doz.	.30
6	inch	doz.	.40
7	inch	doz.	.60
8	inch	doz.	.75
9	inch	doz.	1.25
10	inch	doz.	1.50
12	inch	doz.	2.40
15	inch	doz.	3.60

Prices on Flower Pots are packed f. o. b. Memphis.

Neponset Paper Flower Pots

2½	inch, per 1,000	$3.50
3	inch, per 1,000	4.00

These are packed 1,000 to the box. No smaller quantities sold.



Fern Pans

4¾	inch	each	$ .10
5½	inch	each	.15
6¼	inch	each	.20
8	inch	each	.30
10	inch	each	.35

Flower Tubs

Union Cypress—These tubs are made of ⅞-inch cypress, which insures their keeping for years without rotting. Measurements are outside of tub.

		Each.
No. 1—12	in. diameter	$1.00
No. 2—15¼	in. diameter	1.50
No. 3—17⅞	in. diameter	2.00

Fancy Italian Pots

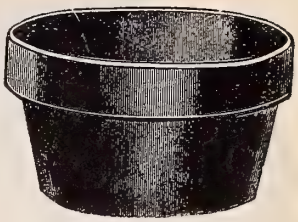
These are very fancy, and will make an ornament in any household. Saucers or bottoms come with them.

9 inch Pot, with saucer	each	$ .50
12 inch Pot, with saucer	each	1.00

Free

ONE BROADCAST HAND SEED SOWER.

With every cash order of Grass Seeds, Clover, Oats, etc., amounting to $20.00 or more at catalogue prices, we will give you free one excellent Broadcast Seeder. This machine will do fine work, sow evenly and well all kinds of grains, clover, grass, cow peas, sorghum seeds. We will send it free on orders as stated above. **Don't fail to take advantage of this liberal offer.**



Seed or Bulb Pot

6	inch	each	$ .15
7	inch	each	.20
8	inch	each	.25
10	inch	each	.30
12	inch	each	.40
14	inch	each	.50

Cemetery Vase

A rich brown glazed vase for cemetery use, glazed both inside and outside, supplies a long-felt want.

No. 1	3½x10 inches	each	$ .35
No. 2	4..x12 inches	each	.40

Cash With Order.

Please send money with the order sufficient to cover the whole bill, and remit by express money order or registered letter. Checks covering payment of goods must include 10 cents for collecting them. You will avoid delay by remitting by express or postoffice money order. We decline sending goods "Collect on Delivery" unless remittances are made on account to guarantee acceptance. **Our terms are cash; we do not open any accounts.**

Your address should be written plainly, and you should give Town, County and State; also state whether you wish goods shipped by express or freight, giving companies preferred.

From .....

P. O. ..... *State* .....

USE A
2c. STAMP
HERE

OTTO SCHWILL & CO.

SEEDS MEMPHIS,

BEE SUPPLIES, SPRAYERS
POULTRY FOODS, INSECTICIDES
PLANTS AND TREES, ETC.

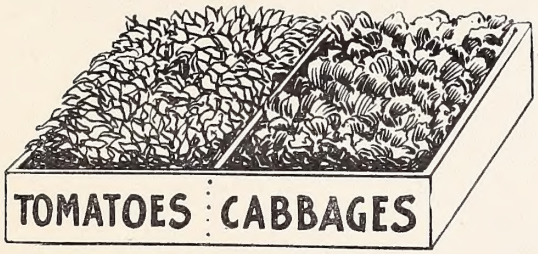
TENN.

Vegetable Plants

All orders for vegetable plants will be filled in season when plants are in right condition, and at the right time. See dates below when different varieties are ready for shipment.

We can supply in any quantity, in their proper season, all vegetable plants here mentioned, and ship directly from the beds, well packed, on the shortest notice. NOTICE—If we should for any reason be out of any variety ordered, we will send some other similar variety in place of it, unless requested to the contrary.

At prices quoted they are sent by express at purchaser's expense. They must be sent separately from any greenhouse plants, roses, etc. We do not send vegetable plants by mail.



Cabbage Plants

We will book your order and ship plants at the proper time.

At prices quoted they are sent at purchaser's expense. We do not send vegetable plants by mail.

Price, 35c per 100; $2.50 per 1,000. Ready March 10th.

Early Jersey Wakefield
Early Summer
Charleston Wakefield
Early Flat Dutch.
Early Drumhead
Large Late Drumhead
Large Late Flat Dutch
Solid South

Cauliflower Plants

Dozen, 25c; 50 for 50c; 100 for 75c. Ready March 10th.

True Early Snowball
Danish Giant

Celery Plants

50c per 100; $2.00 per 500; $3.00 per 1,000. Ready April 15th.

Hend. White Plume
Golden Self Blanching

Egg Plants

25c per doz.; $1.50 per 100. Ready April 20th.

Black Beauty
New York Imp. Purple

Lettuce Plants

35c per 100; $3.00 per 1,000. Ready March 10th.

Big Boston
Large White Cabbage Head
Hubbard Market
Deacon Head

Pepper Plants

25c per doz.; $1.00 per 100. Ready April 20th.

Bell or Bull Nose
Ruby King
Chinese Giant
Long Red Cayenne

Tomato Plants

Hot Bed Stock, 15c per doz.; 50c per 100; $4.00 per 1,000. Transplanted Stock, 25c per doz.; $1.00 per 100; $8.00 per 1,000. Ready March 20th.

Acme
Beauty
Early Detroit
Ponderosa
Earliana
Beefsteak
Dwarf Stone
Stone

Sweet Potato Plants

25c per 100; $2.50 per 1,000; $10.00 per 5,000.

Following varieties ready about April 20th, and can be supplied up to July. Don't set too soon. All Sweet Potato Plants do better put out in May, when weather is warmer.

Genuine Yellow Yam
Southern Queen
Nancy Hall
Early Triumph
Red Brazilian

Bunch Yam Potato Slips

30c per 100; $2.50 per 1,000; $10.00 per 5,000. Following Varieties Ready About April 20th.

Bunch Yellow Yam
Gold Coin Bunch Yam

These books are both useful and helpful to amateurs as well as gardeners. Most of them fully illustrated. Profit by the experience of others. We mail them on receipt of price.

Farm and Garden Books

American Farm Book—By A. L. Allen	$2.00
Alfalfa—Its Growth, Uses, Etc.—F. D. Coburn	.50
Asparagus—F. M. Hexamar	.50
Broom Corn and Brooms	.50
Barn Plans and Outbuildings	1.00
Cabbage and Cauliflower	.35
Celery Culture—G. C. Sevey	.50
Clovers and How to Grow Them—Shaw	1.00
Corn Culture	.50
Farm Drainage—French	1.00
Feeding Farm Animals	2.00
Fertilizers, Rural Science Series	1.50
First Lesson in Bee Keeping	.25
Gardening for Profit—Henderson	1.50
Ginseng Culture—McKains	.50
Gregory on Onion Raising—J. J. H. Gregory	.30
Insects and Insecticides—C. M. Weed	1.50
Methods of Making Manures—Bommer	.25
Market Gardening and Farm Notes—Burnet Landreth	1.00
Mushrooms—How to Grow Them—Wm. Falconer	1.00
Onion Raising	.50
Peach Culture—Hon. J. Alexander Fulton	1.50
Play and Profit in My Garden—E. P. Roe	1.50
Practical Floriculture—Henderson	1.50
Silos, Ensilage and Silage—Miles	.50
Soiling Crop and Silo—Thomas Shaw	2.50
Spraying Crops and Plants	.50
Successful Fruit Culture	1.00
Study of Corn—Shoesmith	.50
The Amateur Practical Garden Book—Illustrated	1.00
The Forcing Book—How to Grow Vegetables Under Glass	1.00
The Peanut Plant—Its Cultivation and Uses	.50
The Principles of Fruit Growing—L. H. Bailey	2.00
The Book of Corn—Myrick	1.50
Truck Farming at the South—A. Oemler	1.50
The New American Farm Book	1.50
Tomato Culture—J. W. Day	.35

SCHWILL'S

BLUFF CITY
BRAND
SEEDS

SURE TO GROW
SURE TO PLEASE
AND BEST THAT
MONEY
CAN
BUY

DEPENDABLE
IN QUALITY

ASK FOR CATALOGUE OF POULTRY SUPPLIES.